

Winter 2010



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On the Cover

Dr. Patricia Carlson greets Deliris Diaz and her son, Aramis Marquez at the newly renovated Eastman Dental Downtown clinic in downtown Rochester, NY. Photo by Keith Bullis

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Since we launched Eastman Institute for Oral Health, I promised ongoing transformative change for the betterment of our clinical, research, and educational efforts. I'm pleased to report substantial progress.

On the clinical side, you know we've been bursting at the seams due to the increase in patient visits each year for the last nine years. To cope with the increase, we are in the process of expanding and renovating our facilities. Eastman Dental Downtown renovations are now finished! We've added four more chairs, allowing us to double capacity over the next 2.5 years. See the cover story, page four.

Renovations are also well underway for constructing the Urgent Care Center, as well as renovation of the Periodontics/Prosthodontics/Faculty Practice waiting room. We plan to open doors to emergency patients in March.

The Clinton Crossings renovations have been completed, adding two new patient treatment rooms, a new restroom and a redesign of the business office, as well as much needed updates such as attractive wall coverings and fresh paint.

By September we will have completed the expansion and renovations of the General Dentistry, Pediatric and Orthodontic Clinics and the beautification of our Atrium.

Changes within the Division of Oral and Maxillofacial Surgery are occurring, too. We are delighted to welcome back Joseph (Jay) Fantuzzo, DDS, MD, who is returning as an assistant professor and program director.

After a thorough, collaborative process, we had a unanimous decision to hire The Jameison Management Group to help us improve our customer service and clinic operations. This effort will focus on communication, motivation and leadership skills to help us achieve objectives established by the clinical re-engineering committee. Some of these include increasing the overall fee for service/Medicaid ratio and the overall per visit reimbursement, and improving patient and employee satisfaction.

The EIOH associate directors and faculty have begun the process of revising the 2007 strategic plan in education and research to encompass the new realities of the Institute. They have also worked on changing the current Oral Science Masters in Science Program. I am pleased to announce that the graduate committee has approved the changes in the Master's program to include additional basic science options and a new translational option. The first student was accepted into the new translational option.

Our challenges in the research arena are to bring together the basic and the clinical scientists to facilitate increased translational research activity. We are working on bridging gaps between basic and clinical areas to encourage cultural changes and collaboration.

There is much work to be done but we are excited by the progress and future opportunities.

Cyril Meyerowitz, DDS, MS
Director, Eastman Institute for Oral Health

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Eastman Dental Downtown Makeover!



As the largest oral health care provider to the underserved in the Rochester region, Eastman Dental has realized a dramatic increase in care demands and dental emergencies since area health care centers closed in recent years.

At left, Xina Jenkins greets a patient.

Below, Aylannie Campbell is cared for by Dr. Tejal Shastri and Cynthia Welch.



And, Rochester has the highest rate of child poverty in New York, representing a significant challenge to improving overall health and well being.

“Our experience in developing and delivering cost-effective dental outreach programs has stood the test of time by successfully overcoming some of the most pressing barriers to access for impoverished patients,” explained Cyril Meyerowitz, DDS, MS, director of Eastman Institute for Oral Health. “However, there remains an overwhelming unmet need for early and regular oral health care among this population in our community.”

The idea of increasing and eventually doubling the number of patients served in Rochester’s urban high poverty areas by expanding Eastman Dental Downtown became a reality when the Greater Rochester Health Foundation awarded Eastman Dental \$253K and New York State allotted \$1.02 million of a \$3.9 million grant toward the project.

Four new treatment rooms, technological updates and an overall makeover were recently completed. Maintaining its strong hospital focus, the General Practice Residency Program moved its home base to downtown to accommodate the increased patient flow.

“Our faculty and residents have been very enthusiastic about this change,” said Todd Thierer, DDS, MPH, program director for GPR. “It is a beautiful state-of-the-art facility with digital radiography and brand new dental equipment, but most importantly, we have increased the access to care for the patient populations we treat. It’s rewarding to be able to provide dental care to the underserved community in such a wonderful environment.”

“I’ve had an extremely positive experience at the downtown site, and I feel that it is a great strength of the GPR program,” said Stephanie Vinh, DDS, who chose the GPR program for its balance of hospital and private practice as well as strong didactic components. “The patients range from children at their first dental visit, to geriatric patients. We see a variety of cases on a daily



Above, Christopher Cantino followed Hygienist Camille Renzi (left) when she moved from SMH to Eastman Dental Downtown.

Above right, MCC student and Eastman Dental patient Sherrie Tanner (right) sits with her daughter Aylann Campbell during her appointment.

At right, Service with a Smile – Some Eastman Dental Downtown staff include (l to r) Carletta Carter, Dr. Tejal Shastri, Cynthia Welch, Kevin Burgess, Ferdane Ogultekin, Samyra Reyes, Camille Renzi, Stacy Hill





Dr. Stephanie Vinh

basis, including operative dentistry, endodontics, prosthodontics, oral surgery, and pediatric dentistry.”

A student at Monroe Community College’s Damon Campus, located in the same building as Eastman Dental Downtown, Sherrie Tanner Campbell simply walked into the clinic one day asking if she could have some dental work done. She and her kids have been patients ever since.

“I love its warm, cozy atmosphere and everyone greets me by name,” said Tanner, who loves the newly remodeled look. “I take my children to the downtown location because the staff is very patient with my children and they always take time to answer any questions or fears they may have — especially my daughter — she is a girly girl and gets scared.”

Dr. Vinh enjoys working at Eastman Dental Downtown because it offers comprehensive care to patients with varying medical histories and also offers the opportunity to treat emergency and overflow cases. “Because patients come to the site for comprehensive care, I’ve been able to formulate, and offer thorough, and complete treatment plans, much as you would in private practice,” she said.

“I’ve also had great support, and encouragement from a variety of attendings, who are always available for consultations, guidance, and help,” added Vinh, who likes conducting case presentations and seminars there, too. “Specialists in varying disciplines are available on certain days, so I’ve been able to treat more complex cases at the downtown site. I’ve acquired a lot of skills that I would not have learned had I not done this GPR program.”

Dr. Patricia Carlson shows brushing techniques to 3-year-old Aramis Marquez and chats with Deliris Diaz, right.





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Quality Knows No Distance



If your health care provider moved, how far would you travel to keep seeing him or her?

After asking several people this question, it became clear that most would travel a maximum of 60 miles or about an hour, but only for favorites, like primary care physicians, OB/GYNs, or a specialist for a serious health problem.

One man's loyalty ended at the five mile mark for all of his doctors, while others said they would travel 25 minutes. Dentists and eye doctors were rated last, with most willing to travel just 10 or 15 miles, or they'd switch.

Except for some, who actually travel 640 miles — *for their dentist*.

For these New York City residents, traveling to Eastman Dental at the University of Rochester Medical Center for specialty dental work is the only option.

"It's worth every mile," says Alex D. Picciano, age 84. "I trust them completely." Alex and his friend Willard L. Davison, 86, originally met Dr. Alina Savu-Dellanzo at New York University, when, after being extremely dissatisfied with their private dentist, saw a TV ad and decided to give NYU dental school a try. Dr. Dellanzo, a resident there studying comprehensive dentistry with

a concentration in aesthetics, did a veneer for Will and composites for Alex.

The pair had only seen Dr. Dellanzo for three visits when she graduated from NYU and left for Eastman Dental.

"I don't care where she goes, I'll be there," Alex said, who usually takes the train from his Manhattan apartment. "She's so energetic and all her energy goes into what she's doing.

"And, the cost is so much less than what we would pay in New York City," he added. "Even with all the travel. I like coming here, it's very comfortable, and I have no stress."

They worked with a local periodontist in New York City, and then came to Eastman Dental. For Alex, it was 13 crowns, and six lower veneers. Will received nine crowns.

Born in Romania 35 years ago, Dr. Dellanzo came to the U.S. in 1990. She originally wanted to be an actress, but realized in high school that dentistry was a better fit after observing how her uncle's work as a dentist had helped so many people.

She chose Eastman Dental's two-year Advanced Education in General Dentistry residency program, because she enjoys working in aesthetics dentistry, and wanted to improve her skills in other specialties like surgery and root canals.

Will and Alex aren't the only ones who think the benefits like high quality care and cost savings are worth a drive from NYC.

It's also their trust in Dr. Dellanzo that brought husband and wife Gianni and Daniela Miculeanici to Eastman for porcelain crowns, veneers and an implant.

As a restaurant owner and emergency room nurse, Gianni and Daniela's work schedules had them traveling overnight for a 9 a.m. appointment with Dr. Dellanzo, only to travel back to the city right after treatment.

Without any medication, Gianni fell asleep while Dr. Dellanzo and her team were working on him. They later teased him about snoring during the procedure, but, he says, "that's how confident I feel with her." Daniela agrees.

"We feel very confident with her because she knows how to talk to patients," she said. "I'm here as a patient, but I'm talking as a nurse. Patients don't always know what to ask, but Dr. Dellanzo takes the time to educate you on all the aspects. Working with someone you trust--especially when it comes to your health-- is invaluable."



Gianni and Daniela Miculeanici (below), and Alex Picciano (top, left) and Willard Davison all travel from NYC for dental care from Dr. Alina Dellanzo (top center).

An Interview With Dr. Bill Calnon



Q&A

An Eastman Dental Center Foundation board member since 2005, Dr. Calnon was recently elected Board President. He is a past president of the Monroe County Dental Society, Seventh District Dental Society and NYS Dental Association. He also serves on the American Dental Association's Board of Trustees and its Council on Dental Practice.

What is your fondest memory of your residency?

A. The total involvement of the attending staff, both full and part-time. Patient care was obviously their first focus, but they clearly wanted the residents to benefit from all we could experience. The concern was for our overall professional growth--academically, clinically and emotionally. Many are still close personal friends.

As the new President, what are some of your goals?

A. It is an exciting time with the recent announcement of the Eastman Institute for Oral Health. Dentistry's new stature in the University setting will promote a much improved understanding of the impact Eastman has in the areas of research, clinical care and education. A major goal is to foster this new relationship and assist in the evolution of the Institute.

The dental profession in the Rochester area is very active. I would hope to build some stronger bridges between the Institute and the local practicing community. Both groups would benefit from closer interaction.

A closer relationship between the clinical and research aspects of the Institute has been a consistent recommendation of the Board's Academic Advisory Committee. This will serve to offer a unique experience for many residents and will aid in attracting the best candidates for the various programs.

You stay involved locally and nationally – why is that important to you?

A. Some of my early mentors impressed upon me that there are several responsibilities we accept when we enter the profession of dentistry. One is to use our talents to shepherd the profession and constantly improve it to better serve our fellow professionals and the public. I have been very fortunate to have had a variety of roles in dentistry. I have developed a number of skill sets that I try to use to better my profession. I enjoy witnessing dentistry accepted as an integral part of overall healthcare.

What has been your greatest challenge and how do you approach it?

A. An absolute fear of public speaking. I have constantly put myself in positions that I have no choice but to improve. It has been interesting to challenge myself and with time, the increased confidence has overcome the apprehension.

Who is an historical figure, living or dead, you'd most like to have dinner with?

A. Actually, I don't like combining eating with business, so this conversation would have to be very light hearted...and can I have a table for six? I would invite some of the comedians that transitioned from vaudeville to radio to early television. People like Jack Benny, Jackie Gleason, George Burns, Red Skelton and Milton Berle. These were people we welcomed into our homes to entertain us. They had raw talent and loved to experiment in new environments. They were funny for the sake of making you laugh. They were truly pioneers in their industry.

Who is the leader you most admire?

A. Benjamin Franklin...I consider him such a visionary. He was a statesman, an inventor, a writer and a philosopher. His influence has certainly been enduring over countless generations.

What do most people not know about you?

A. My first choice of careers wasn't dentistry. I wanted to be a golf course architect. Our family farm was adjacent to a little nine hole course and I played six days a week as a kid. I went to SUNY College of Environmental Science and Forestry in Syracuse and spent the first two years as an undergraduate in landscape architecture with a minor in golf design. My brother was in dental school and I became intrigued with what he was doing. I switched to biology and ended with a degree in zoology and botany...you know the rest of the story.



Robert Quivey, PhD, director of the Center for Oral Biology, and associate director for EIOH Research, recently attended a scientific conference and was invited to speak at the Brazilian Divisional meeting of the International Association for Dental Research, attended by more than 4,000 participants from dental institutions across South America.

Dr. Quivey presented on “Pathogenesis of *Streptococcus mutans* in the Post-Genomics Era.” *Streptococcus mutans* is a bacterium that inhabits the mouths of virtually every person in industrialized nations. The organism has the ability to create dental plaque and if plaque persists on tooth surfaces, the organism can cause the formation of dental caries, or more commonly known as cavities.

Dr. Quivey’s project is to determine how each of the genes in the bacterium’s chromosome contributes to dental disease. The Quivey laboratory is known for its expertise in the bacterial mechanisms involved in caries formation. Their project, sponsored by the National Institute for Dental and Craniofacial Research at the National Institutes of Health, involves three labs at the University of Rochester School of Medicine and Dentistry, including his own, Dr. Elizabeth Grayhack in the Department of Biochemistry and Biophysics, and Dr. Robert Marquis.

Following the conference, Dr. Quivey traveled to the Piracicaba School of Dentistry, at the State University of Campinas

(UNICAMP) in Piracicaba, Sao Paulo state.

The University of Rochester has had a long and productive relationship with the dental school in Piracicaba, including a sabbatical visit in the Quivey lab by Dr. Pedro Rosalen last year, and many students and post-doctorals from the Brazilian school have worked in Dr. William Bowen’s lab. While there, Dr. Quivey presented “Genomics of Acid-Adaptation in *Streptococcus mutans*,” and met with students and faculty of the school, to cultivate the relationship and advance the scientific collaboration with the Rosalen laboratory.

Hyun ‘Michel’ Koo, DDS, PhD, associate professor at the Center for Oral Biology, Eastman Institute for Oral Health, was one of only three abstracts to present from 32 active projects for the “Best of National Research Initiative Grants” symposium at the Institute of Food Technologists Annual Meeting & Food Expo. His work was among the few selected because of the exciting results. Koo discussed his findings that suggest certain 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. According to the study, the winemaking waste product is a promising and feasible (low cost and largely available) source for extraction and isolation of novel compounds that may render bad oral bacteria harmless.

Dr. Koo was also invited to speak at the recent 5th American Society for Microbiol-

ogy Conference on Biofilms where he gave an overview of extracellular polysaccharides matrix’s role in the establishment and pathogenicity of *Streptococcus mutans* in biofilms, and the potential of biofilm-control strategies based on the disruption of the synthesis of these polymeric substances.

Some of the recent research projects funded in the EIOH

In Vitro Comparison of the Use of Oscillating vs. Rotating Instruments for Teeth Preparation on Finish Line Surface Roughness – T. Abdel-Aziz (Foundation)

Evaluation of the Effects of Natural Extracts on Acid Production by *S. mutans* and Glucan Synthesis by Glucosyltransferase B – H. Koo (Commercial)

Evaluation of a Novel Anti-Caries Approach to Modulate Virulence of *S. mutans* – H. Koo (NIH/DHHS)

Utility of Teledentistry to Reduce Oral Disease Burden in Preschool Children – D. Kopycka-Kedzierawski (NIH/DHHS)

Effect of the Different Abutment Materials and Self-Adhesive Resin Cements on Bond Strength to Zirconia Ceramic – W. Lin (Foundation)

Long Term Clinical Performance of Short Dental Implants (6-8mm) in Posterior Mandible and Maxilla – H. Malmstrom (Commercial)

Health Risks of Problem Oriented Dental Attenders – Y. Ren (NIH/DHHS)

Success Rate of Immediately Loaded Implants with Platform Switched Design Placed in the Anterior of the Mandible and Restored with Fixed Prosthesis – G. Romanos (Commercial)

Multi-Center, Post-Market, Prospective, Randomized Examiner-Only Masked Study of Root Coverage with Acellular Dermal Matrix – G. Romanos (Commercial)

Oral Health Needs and Dental Transition Planning of Children with Special Health-care Needs – AB. Tuncer (Foundation)

Mercury Vapor from Amalgam and Methylmercury Co-exposure on Neurodevelopment – G. Watson (NIH/NIDCR)

Recent EIOH Publications

Impact of Diabetes Mellitus and Glycemic Control on the Osseointegration of Dental Implants: a Systematic Literature Review, *Journal of Periodontology*, Nov. 2009, Javed F, Romanos GE

Application of AntiMicrobial Photodynamic Therapy in Periodontal and Peri-implant Diseases, *Periodontology 2000* 2009, Takasaki A., Aoki A., Mizutani K., Schwarz F., Sculean A., Wang C., Koshy G., Romanos G., Ishikawa I. and Izumi Y

Reciprocal Regulation of Wnt and Gpr177/ mouse Wntless is Required for Embryonic Axis Formation, *Proceedings of the National Academy of Sciences of the USA*, Nov. 2009, Fu J, Jiang M, Mirando AJ, Yu HM, Hsu W

Laser Wavelengths and Oral Implantology, *Lasers in Medical Science*, Nov. 2009, Romanos GE, Gutknecht N, Dieter S, Schwarz F, Crespi R, Sculean A

Influences of Naturally Occurring Agents in Combination with Fluoride on Gene Expression and Structural Organization of *Streptococcus mutans* in Biofilms, *BMC Microbiology*, Oct. 2009, Jeon, JG, Klein, MI, Xiao J, Gregoire S, Rosalen, PL, Koo H

Ring Liner and Burn-Out Temperature Affect the Clinical Time Required to Fit a Cast Post, *The Journal of Prosthetic Dentistry*, Oct. 2009, Otun A, Lee H, Geminiani A, Shirakura A, Ercoli C, Feng, C

Dental Surgery under General Anesthesia for Preschool Patients with Orofacial Clefts, *Pediatric Dentistry*, Sept/Oct. 2009, Karp, JM

Platelet-rich Plasma: A Literature Review, *Implant Dentistry*, Aug. 2009, Arora NS, Ramanayake T, Ren YF, Romanos GE

The Incisive Canal. Considerations during Implant Placement: Case Report and Literature Review, *The International Journal of Oral and Maxillofacial Implants*, July/August 2009, Romanos, GE, Greenstein, G

Oral Eruption Cysts in a Child with Hepatoblastoma, *Journal of Pediatric Hematology/Oncology*, July 2009, Karp JM, Milner LA

The Use of CO₂ Laser in the Treatment of Peri-implantitis, *Photomedicine and Laser Surgery*, June 2009, Romanos, G, Ko HH, Froum S, Tarnow D

Bone Quality and the Immediate Loading of Implants-Critical Aspects Based on Literature, Research, and Clinical Experience, *Implant Dentistry*, June 2009, Romanos, GE

The Integration of Social Work into a Post-graduate Dental Training Program: A Fifteen-year Perspective, *Journal of Dental Education*, June 2009, Petrosky M, Colaruotolo LA, Billings RJ, Meyerowitz, C

In Vitro Comparison of the Cutting Efficiency and Temperature Production of 10 Different Rotary Cutting Instruments. Part I: Turbine, *The Journal of Prosthetic Dentistry*, April 2009, Ercoli C, Rotella M, Funkenbusch PD, Russell S, Feng C

In Vitro Comparison of the Cutting Efficiency and Temperature Production of Ten Different Rotary Cutting Instruments. Part II: Electric Handpiece and Comparison with Turbine, *The Journal of Prosthetic Dentistry*, May 2009, Ercoli C, Rotella M, Funkenbusch PD, Russell S, Feng C

Role of Clp Proteins in Expression of Virulence Properties of *Streptococcus mutans*, *Journal of Bacteriology*, April 2009, Kajfasz JK, Martinez AR, Rivera-Ramos I, Abranches J, Koo H, Quivey RG Jr, Lemos JA

Proteomic Analysis of Human Parotid Gland Exosomes by Multidimensional Protein Identification Technology (MudPIT), *Journal of Proteome Research*, March 2009, Gonzalez-Begne M, Lu B, Han X, Hagen FK, Hand AR, Melvin JE, Yates JR

Nonsurgical Prosthetic Management of Mandibular Fracture Associated with Dental Implant Therapy: A Case Report, *The International Journal of Oral and Maxillofacial Implants*, Jan-Feb 2009, Romanos GE

New Master's Program Approved, First Student Accepted

The Eastman Institute for Oral Health now has an approved, revamped Master's Program in Dental Science, designed to assist in growing the clinical research base of the Institute, training residents in clinical and translational research, and recruiting clinician-scientists as faculty who would be interested in a full-time educational/research program.

Background

The previous Master's in Dental Sciences program has been in existence at the University of Rochester School of Medicine and Dentistry since 1951, when the Department of Dental Research was created at the School of Medicine and Dentistry. When that department was re-configured into the Center for Oral Biology in 1999, and moved into the Kornberg Medical Research Building, the Dental Sciences Master's remained with the COB.

In the program's history, more than 200 Master's degrees have been awarded to students, the overwhelming majority of whom were DDS or DMD degree-holders at Eastman. These students came to Rochester for advanced training in dentistry and degree-oriented work in basic/clinical science. In the 1970's and 1980's, approximately one half of the deans of U.S. dental schools, and many departmental chairs, had completed a Master's degree and or a Doctoral degree at the University of Rochester.

Many students have arrived from international locations, and these students have also gone on to become leaders in research and educational institutions in their home nations.

However, in the late 1990's, only three Master's students and one doctoral student completed their degree programs. This low rate of participation in science has been felt globally in academic dental institutions. In the U.S, there are currently more than 400 open faculty positions in dental schools.

There is concern at National Institutes of Health about the rising use of part-time faculty to cover clinical training; not one U.S. dental school has increased its research portfolio; and 54 percent of the National Institute for Dental and Craniofacial Research extramural research (and training) budget is now apportioned to medical schools, including the University of Rochester.

Therefore, there is a strong need to educate clinician scientists who are competitive for extramural funding and who have research interests in oral biology.

Addressing the Challenge

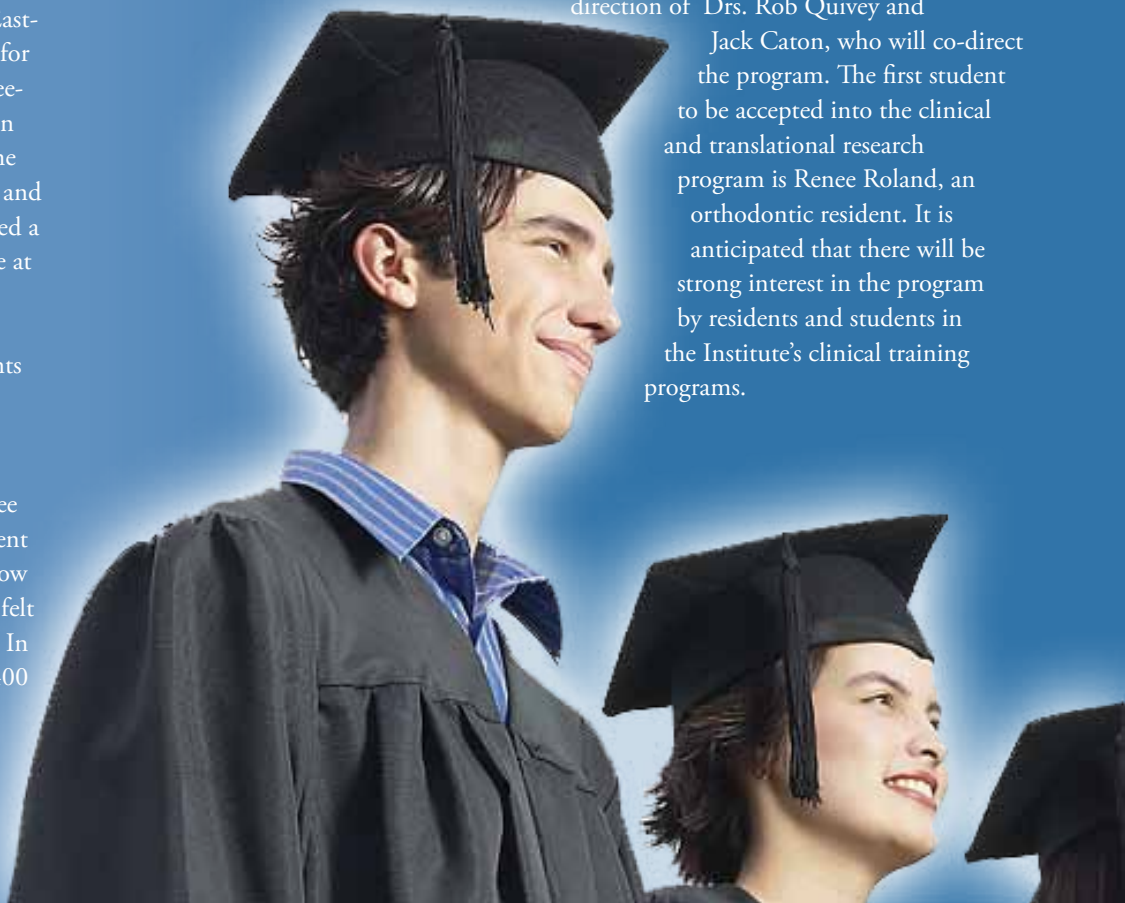
An ongoing evaluation of the clinical training programs by specialty, which has been underway for more than a year, suggested the change in the MS program. The new Master's program is offered in four different tracks, three of which are basic science oriented and a fourth track which focuses on clinical and translational science. The basic

science tracks provide a delineated emphasis on bacterial, cellular and developmental research programs, taking advantage of substantial strength in these areas at the SMD, not only in the Center for Oral Biology but in the Medical Center's program at-large. The Clinical and Translational research track takes advantage of the ground-breaking efforts already made in creating the PhD program in Translational Biomedical Science housed in the Clinical and Translational Sciences Institute and strong interest in clinical and translational research in the Institutes clinical training programs.

This track emphasizes coursework in biostatistics and research design combined with clinical research, while the basic science tracks emphasize exocrine gland biology and regenerative medicine, developmental biology and genomics.

With strong encouragement by Dr. Cyril Meyerowitz, the director of the Institute, the redesign of the Master in Dental Sciences was done under the direction of Drs. Rob Quivey and

Jack Caton, who will co-direct the program. The first student to be accepted into the clinical and translational research program is Renee Roland, an orthodontic resident. It is anticipated that there will be strong interest in the program by residents and students in the Institute's clinical training programs.



Dental Education: Our Legacy – Our Future

Dental Education: Our Legacy – Our Future is raising awareness of the key issues affecting the dental education system, including faculty shortages, lack of diversity and lagging federal and state government support. Eastman Institute for Oral Health is one of 143 organizations that have joined the nationwide effort.

By bringing awareness to the challenges the dental education system is facing, Our Legacy – Our Future is helping the partners of the initiative as they raise funds to aid their individual organizations. Your gift to the Eastman Institute for Oral Health will be counted by Our Legacy – Our Future toward the collective goal of raising more than \$500 million by December 31, 2014, ensuring the strong future of dentistry.

To learn more, visit www.ourlegacyourfuture.org.

2008-2009 Report of Giving

The 2008-2009 Report of Giving will be published in the next issue of Momentum. The report will acknowledge those who have contributed to the Eastman Institute for Oral Health between July 1, 2008 through June 30, 2009. A heartfelt thanks to all of our donors and friends who have contributed this past year. Each generation of residents and students, our faculty, staff and patients benefit from the gifts of generous alumni, faculty, staff, corporations, foundations and friends.

If you wish to make a gift, please contact the Eastman Institute for Oral Health Advancement Office at 585-275-2767 or email becky.herman@rochester.edu.

Meliora Champagne Breakfast

The Eastman Institute for Oral Health hosted its first Meliora Champagne Breakfast to honor its top benefactors. The event was held at the Genesee Valley Club during the University of Rochester's Meliora Weekend. Kathy Connor, curator of the George Eastman Legacy Collection

at the George Eastman House, presented a historical perspective of George Eastman's impact on medicine and dentistry in Rochester and around the world. Look for more details this coming spring about next year's event, held during Meliora Weekend, October 14-17, 2010.

Become a Sustaining Member of the George Eastman Circle

The Eastman Institute for Oral Health invites you to become a **Sustaining Member** of the George Eastman Circle, the University's leadership annual giving society. The George Eastman Circle recognizes combined unrestricted, current-use gifts to any of the University's schools and units, including all divisions within the Eastman Institute for Oral Health.

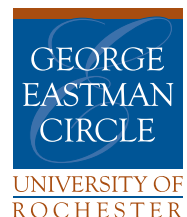
Your commitment has a real impact on our Dentistry family, and will help the Institute provide even greater service to our community and to the world.

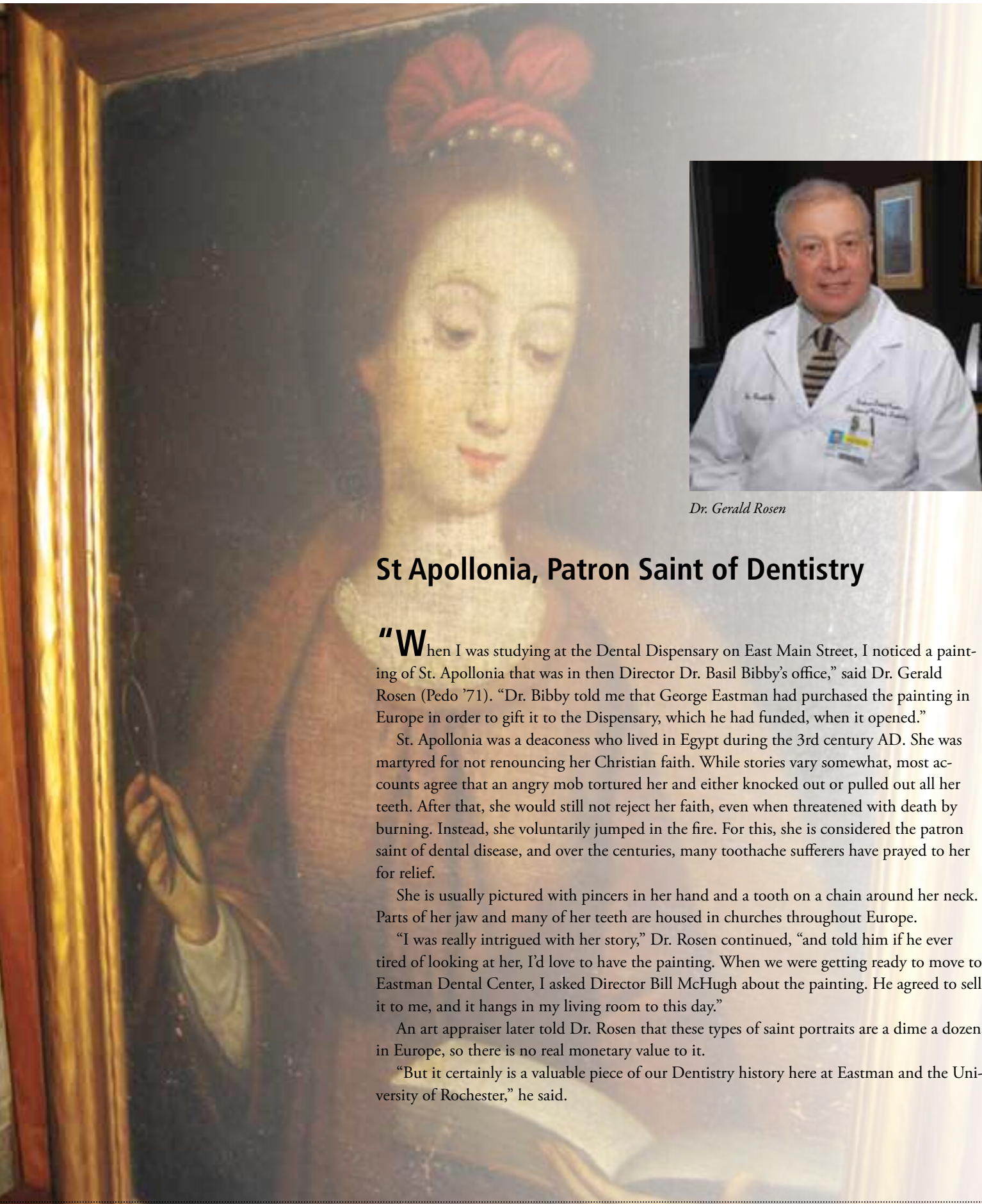
Sustaining Membership will be granted to those supporters who make a five-year commitment of \$1,500 or more.



Your George Eastman Circle gift will fund the most pressing needs at the Eastman Institute for Oral Health to provide high quality, multi-disciplinary oral health care, advanced dental education, and cutting-edge research.

For more information, contact Becky Herman, 585-275-2767, in the EIOH Alumni and Advancement Center or visit our web site at www.rochester.edu/giving/gec





Dr. Gerald Rosen

St Apollonia, Patron Saint of Dentistry

“When I was studying at the Dental Dispensary on East Main Street, I noticed a painting of St. Apollonia that was in then Director Dr. Basil Bibby’s office,” said Dr. Gerald Rosen (Pedo ’71). “Dr. Bibby told me that George Eastman had purchased the painting in Europe in order to gift it to the Dispensary, which he had funded, when it opened.”

St. Apollonia was a deaconess who lived in Egypt during the 3rd century AD. She was martyred for not renouncing her Christian faith. While stories vary somewhat, most accounts agree that an angry mob tortured her and either knocked out or pulled out all her teeth. After that, she would still not reject her faith, even when threatened with death by burning. Instead, she voluntarily jumped in the fire. For this, she is considered the patron saint of dental disease, and over the centuries, many toothache sufferers have prayed to her for relief.

She is usually pictured with pincers in her hand and a tooth on a chain around her neck. Parts of her jaw and many of her teeth are housed in churches throughout Europe.

“I was really intrigued with her story,” Dr. Rosen continued, “and told him if he ever tired of looking at her, I’d love to have the painting. When we were getting ready to move to Eastman Dental Center, I asked Director Bill McHugh about the painting. He agreed to sell it to me, and it hangs in my living room to this day.”

An art appraiser later told Dr. Rosen that these types of saint portraits are a dime a dozen in Europe, so there is no real monetary value to it.

“But it certainly is a valuable piece of our Dentistry history here at Eastman and the University of Rochester,” he said.

New EIOH website

Check out the all-new Eastman Institute for Oral Health website. While it was designed to reflect the look and feel of all URMC web pages, significant changes were made to enhance our visibility and improve usability of the site.

Goals for the site include attracting new patients, prospective students and alumni, and creating an interactive environment that enables users to find the information they need.

Features include an expanded patient care section, a streamlined application process for prospective students and a comprehensive news page that includes links to news, blogs, calendars and videos. We have also added a section for referring physicians with information on our services.

Future plans include additional interactivity for patients, and online registration and payment options for our education and continuing education programs. Each month, usage statistics are evaluated to determine how well the site is working to achieve the goals. Your comments, feedback or suggestions are always welcome. Visit Contact Us from the right hand side.



<http://urmc.rochester.edu/dentistry/>



Leading the Way: Eastman and Oral Health

Written by award winning writer and historian Elizabeth Brayer, the book begins in 1915, as one Rochester city historian described as “Rochester’s Golden Age—because that was when George Eastman decided to part with the bulk of his fortune” for the betterment of his adopted city. Nine chapters highlight the history of dentistry in Rochester and around the world concluding with the announcement of a new name, the Eastman Institute for Oral Health.

The book can be purchased by contacting Sue Gibbs at sue_gibbs@urmc.rochester.edu or 585-275-9214. Check and credit card payments are accepted.

Hardcover \$39.95, Softcover \$29.95

News from Bibby Library

Cleaning House?

Do you have memorabilia from your days at Eastman Dental? Or perhaps old dental books and journals that haven't been opened in years? Please consider donating them to the Basil G. Bibby Library. We would be glad to take them off your hands.

Interested in the History of Oral Health in Rochester?

Take a look at our historical collections from the comfort of your own home. Visit our archives at urmc.rochester.edu/dentistry/education/library/history/.

Dental Resources on the Web

We've selected the most relevant and reliable internet resources on a variety of oral health topics. The list with links is available here: <http://urmc.rochester.edu/dentistry/education/library/dental-resources.cfm>

Ask Your Librarian

Have a question about information resources? Need help with a search? Need help using the newest information technologies? Contact your dental librarian, Elizabeth Kettell at Elizabeth_kettell@urmc.rochester.edu or 585.275.3247.



Dentist taking a picture of a young girl's teeth at the Rochester Dental Dispensary, 1920's. This dental camera was constructed by Kodak and used to record orthodontia case histories. (Finger Lakes Genesee River Valley Heritage Collection, one of many images available through the Bibby Library link.)

Babies

Mario (Prosthodontics '04) and Karin Ganddini welcomed son Mariano in July.

Yiqian Dong (GD '06, PhD '06) and husband Trevor Seifert welcomed daughter Lilah An Seifert, who was born August 19.

Jasleen Benepal (GD '08) and her husband Delvin Singh Toor (GD '06, MS '06) welcomed daughter Evana Toor who was born March 6.



Toor



Seifert



Ganddini

In Sympathy

Robert Rosenblum, DMD, MS (Ortho '59, MS '61) passed away on Oct 28. He retired from private practice in 2001 and was a longtime researcher and associate professor at Eastman Dental Center in the Orthodontic Division until 2006.*

* Dr. Rosenblum's family has requested gifts can be made in his memory to the Orthodontics Division at the Eastman Institute for Oral Health.

James B. King, DDS, long time Pediatric Dentistry faculty member. Dr. King was the Assistant Head of Pediatric Dentistry at Eastman Dental Center in the 1960's and 1970's. He continued to serve as a part-time faculty member for many years after establishing his private practice in Rochester.

Howard Edward Hornstein, DMD (Pedo '71, MS '71)

Mansour Shariati, DDS (Gen Den '81, MS '83)

Mary Hauk, DDS, MPH (Pedo '95 MPH '04) - A faculty member since 1995, she was a founding member of the Cleft and Craniofacial Anomalies Center at Golisano Children's Hospital. She is known for her dedication to, and advocating for children, advancing knowledge through publication and presentations, and valuable contributions. Visit EIOH website for more information about her and a college fund for her young son.

Stay up to date with the latest news from the EIOH, network with old classmates and learn about upcoming EIOH events.

Facebook

Millions of people use Facebook everyday to keep up with friends and former classmates. Join the Eastman Institute for Oral Health Alumni Group today!



Are you Linked In?

Join the Eastman Institute for Oral Health group on LinkedIn, a professional networking site for making contacts, conducting job searches, and more. It's another way to stay connected with your fellow alumni. Go to www.linkedin.com where you'll find us in the Groups Directory.



Rochester Alumni Exchange

Search for friends, make new connections, exchange e-mails with a classmate, share news about you and your family or career expertise through the Rochester Alumni Exchange. Membership is free and exclusive to alumni only. Access the all alumni directory, class notes, career advisory network and events calendar. Visit <http://www.alumniconnections.com/olc/pub/UROM/> today!

Making a Gift in Memory of a Loved One A nice way to honor a beloved friend, colleague or classmate is to make a gift in their memory to a favorite charity. EIOH and Eastman Dental appreciate gifts in memoriam and acknowledge the donors as well as provide the family a list of contributors.

Izchak Barzilay DDS, MS (Prosthodontics '86, MS '91)



photo courtesy of Prosthodontic Associates

Dr. Izchak Barzilay doesn't really consider anything a big challenge.

"We are always faced with challenges, be them professional or personal," he states matter-of-factly. "All challenges can be met and solved. I'm the type of person who just moves forward with everything."

Dr. Barzilay likes to quote the Prosthodontics Division's first chair, Dr. Brewer, with a slight modification: "There are no failures to meet challenges....there are only differing degrees of success."

When he was an undergraduate at the University of Toronto, Barzilay decided he wanted to do more than just general dentistry, and felt that prosthodontics was the logical next step.

After interviewing at four different places for a residency, he felt Eastman Dental was the best fit for him, especially after interviewing with Division Chair Dr. Gerald Graser and the other residents.

"What I remember most about Dr. Barzilay as a resident was his very inquisitive mind and ingenuity," said Dr. Graser. "He never said no, and frequently did double or triple the amount of work that was required. He is an excellent clinician and his sense of humor is refreshing."

After graduation, Barzilay started a private practice in Toronto and also taught clinical prosthodontics at the University

of Toronto and Mount Sinai Hospital. Today, Barzilay is the head of the Division of Prosthodontics and Restorative Dentistry at Mount Sinai Hospital, assistant professor of Dentistry at the University of Toronto and maintains a private practice limited to prosthodontics and implant dentistry.

"I spend three and a half days per week in the office and the rest of the time teaching either at the University, hospital, privately or to local organizations," Barzilay said. "Dr. Graser taught me much about how to be a prosthodontist as well as how to be a good person. He taught me to think before I do things and to never go in 'automatic mode.' He taught me to be a problem solver and made me understand that nothing was impossible. I use these attributes in my daily practice and my day to day life."

At his office, Dr. Barzilay has a continuing education center, where a group of photos hang with the title, Our Mentors. Dr. Graser is among them.

"These people have taught us to be who we are, and when we give our education programs, we honor those mentors who have helped us get to where we are today. The others are Dr. George Zarb (his mentor at the University of Toronto), Mr. Aharon Barzilay (his father), Dr. John Houston (the first prosthodontist he worked with in Toronto who allowed him the chance to establish his practice without significant financial risk), and Dr. Stephen Campbell (a special mentor for Dr. John Zarb, one of the associ-



photo courtesy of Prosthodontic Associates

ates in the practice).

Interesting eclectic art adorn the walls and spaces within the office Barzilay created to be relaxing and comfortable for his patients, students, and staff. His practice continues to grow steadily; his staff will soon include 24 people including prosthodontists, a periodontist, hygienists, dental assistants, front desk people, dental technicians and business managers.

"He taught me to be a problem solver and made me understand that nothing was impossible."

— Dr. Izchak Barzilay

"It's important to me that our office is the type of place where you want to come and work," Barzilay explained. "We even have a gym and steam room for those interested."

This year the office traveled to Chicago for a trade meeting, and Barzilay has treated the office to a full day of spa treatments. An educational outing to the Caribbean is set for 2010.

"My staff is one of the best in the world because they put their heart and soul into what they do. They know that I appreciate them," he said. "This is more than a job...it is a family that we are all very proud of." His advice for prosthodontists?

"There is so much opportunity out there. We need good people who are thinkers. I was once told by Dr. George Zarb that 'you can teach a monkey to do what we do, but you can't teach a monkey to think the way we think.' Keep thinking. You have chosen a wonderful field that will yield outstanding results if you work hard at it. Be proud of your choices."

Dr. Shachi D. Shantinath (Pedo '86) has been appointed Head of Public Health for the FDI World Dental Federation. In this role, she will develop public-private partnerships for oral health promotion and provide leadership to existing relations with key stakeholders like the World Health Organization. She will advocate for oral health and build the capacity for health promotion among FDI's 144 national member dental associations.

Dr. Michael L. Myers, former Eastman Dental assistant chair of the Prosthodontics Division and a research and senior clinical associate, was awarded a 2009 Outstanding Faculty Award from the Medical College of Georgia. A faculty member there since 1990, Dr. Myers serves as the Department of Oral Rehabilitation chair, and serves on many of the school's committees. He also received the Georgia Section of the American College of Dentists Professionalism Award in 1995 and 2003, as well as named Outstanding Clinical Instructor by the class of 2000 and received the school's Teaching Excellence Award the same year.

Dr. Lyndon F. Cooper (Prosthodontics '90, MS '91, PhD '91) received the 2009 Research in Prosthodontics and Implants Award by the International Association for Dental Research. He is a professor and chair of the Prosthodontics Department at the University of North Carolina's School of Dentistry and a member of the Department of Biochemistry and Biophysics in the UNC School of Medicine. He is also the director of the UNC Bone Biology and Implant Therapy lab and director of the graduate prosthodontics program.



Dr. Robert Bray

Dr. Robert Bray, (Ortho '75, MS '76) was named President of the American Association of Orthodontists, the world's oldest and largest dental specialty organization. Previously, he served as president-elect, treasure and a trustee for eight years. He's also a past president of the Middle Atlantic Society of Orthodontists and for 20 years, served as treasurer of the Atlantic Cape May County Dental Society.

Dr. Adan Casasa (Ortho '79) was named President of the Mexican Orthodontic Academy.

Dr. Jack Caton (Perio '73, MS '73), received the 2009 Award for Outstanding Periodontal Educator from the American Academy of Periodontology. This award recognizes an exemplary periodontal faculty member whose career demonstrates excellence in teaching and is an inspiration to students.

Dr. Jeffrey Karp has been appointed Program Director of the Pediatric Dentistry Program. He's been a faculty member since 2004 and is an assistant professor. He also presented at the recent 20th Annual Pediatric Symposium at Joe DiMaggio Children's Hospital in Florida on fluoride varnish, early childhood caries, dental trauma, and oral health risk assessments.

Dr. Cyril Meyerowitz (GenDen '74, MS '80), director of Eastman Institute for Oral Health, has been named Chair of the Council on Dental Education and Licensure, an American Dental Association agency dedicated to promoting high quality and effective processes of dental education, licensure and credentialing in the U.S. He was also elected Chair of the New York State Academic Centers group, which includes EIOH and the dental schools at Columbia University, NYU, University of Buffalo and SUNY at Stony Brook.

Dr. Thomas Schneider (BA '90, Perio '97) was named Top Dentist by New Jersey Magazine in its July 2009 guide. He was selected based on a peer-review process, which asked 6,389 New Jersey dentists to nominate the best practitioners in their field. "I am so honored that my peers have selected me as the periodontist they would choose for their families and friends," he said.

Bruce Bates, a member of the EDC Foundation Board, received the Joe U. Posner Founders Award from the Rochester Area Community Foundation for his 50-plus years of philanthropy and community involvement in many local organizations.

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Send an email to Elizabeth_Kettel@urmc.rochester.edu to subscribe.

General Dentistry's yearbooks are now available online.
Visit urmc.rochester.edu/dentistry/education/programs/advanced-ed.cfm#yearbooks

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Save the Date!

Eastman Institute for Oral Health Events

For more information about these events, please visit our website: <http://www.urmc.rochester.edu/dentistry/>, call 585-275-2767, or email becky.herman@rochester.edu

American Prosthodontic Society (APS)

Alumni and Friends Reception
Chicago, Illinois
February 25, 2010

AADR/CADR Annual Meeting

Alumni and Friends Reception
Washington, DC
March 4, 2010

16th Annual Handelman General Dentistry Conference

Rochester, NY
April 22-23, 2010

American Association of Orthodontists (AAO)

Alumni and Friends Reception
Washington, DC
April 30-May 4, 2010

American Academy of Pediatric Dentistry (AAPD)

Alumni and Friends Reception
Chicago, IL
May 29, 2010

IADR General Session

Alumni and Friends Reception
Barcelona, Spain
July 16, 2010

CDE Course and Alumni and Friends Pediatric Reception and Dinner

Rochester, NY
September 24-25, 2010

Featured Speakers:

Jerrold Lerman, MD, FRCPC, FANZCA
“Sedation of Children”
Clinical Professor of Anesthesia
(SUNY at Buffalo)
Clinical Professor of Anesthesia (URMC)

Jeffrey Karp, DMD, MS

“The Avulsed Incisor in the Growing Child”
Assistant Professor of Dentistry and Pediatrics (URMC)
Program Director, Division of Pediatric Dentistry (EIOH)

Ali Bahreman, DDS, MS

“Early Orthodontic Intervention at Primary and Early Mixed Dentition”
Professor of Clinical Dentistry (URMC)
Division of Orthodontics and Dentofacial Orthopedics (EIOH)

Moderator:

Robert Berkowitz, DDS
Professor of Dentistry and Pediatrics (URMC)

Chair, Division of Pediatric Dentistry (EIOH)

Meliora Weekend 2010

October 14-17, 2010
Rochester, NY
www.rochester.edu/melioraweekend
An event to honor our most generous benefactors will be scheduled during the weekend. Look for more details in the spring.

University of Rochester Events

Because of Eastman Institute for Oral Health's affiliation with the University of Rochester, you can now take advantage of University-wide events. Visit the University of Rochester website frequently, as new events are added regularly.
<http://www.rochester.edu>