

MOMENTUM

2016 · Volume 1

Celebrating
100 Years

Story on page 12



Hundreds came out to help paint the building with light as the team of volunteers from RIT and EIOH worked to capture this cover image.

EASTMAN

INSTITUTE FOR ORAL HEALTH



Dr. Eli Eliav



On the Cover

More than 300 people attended the Centennial Kickoff event, **Shine a Light on Eastman Dental**, and helped create this beautiful image of the iconic building. (See story on page 12)

Thanks to the support of many, Eastman Institute for Oral Health has undergone some exciting changes this year, and is well poised for many more over the next several months.

To mark our 100th anniversary, we are thrilled to announce The Future Starts Now Centennial Symposium and Gala, where participants will engage in dynamic scientific sessions from worldwide leaders in dentistry June 9-10, 2017. People from all over the world will gather, learn, network and celebrate.

In this special Centennial edition of *Momentum*, you'll find all the details about the Symposium and Gala (story p. 6), and the many updates happening in our clinics, classrooms and labs.

On behalf of all of us at EIOH, special recognition and gratitude are extended to Drs. Dennis Clements and Martha Ann Keels, who donated \$500,000 to update the EIOH Pediatric Dentistry clinic (story p. 4), and to Mr. Joe Lobo who provided major funding for our new SMILEmobile (story p. 6). Their generosity and dedication to access and education are deeply appreciated.

The growing need for treatment for patients with disabilities and patients with complex medical conditions is undeniable. We are working diligently to close this gap. First, the training program we established, thanks to a \$3.5

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million HRSA grant last year, is well underway. Over the next four years, we will train 100 pediatric and general dentistry dentists, hygienists, and dental assistants in treating patients with special and complex needs.

Next, we will build a Multidisciplinary Special Needs and Complex Diseases Clinic where patients will receive the highest quality dental care, and our residents will benefit from this type of training. The renovations will have the latest technology, including training simulators to further strengthen our educational and clinical programs.

I'm also delighted to share that several outstanding faculty have joined our staff over the last several months (story p. 34), complementing the exceptional EIOH team and helping meet the increasing clinical and educational demands.

Our Centennial celebrations have encouraged many of us to reflect on how Eastman has shaped our professional and personal lives, and how collectively, we've made a significant difference in communities around the world.

Imagine the impact we can make over the next 100 years.



Eli Eliav, DMD, PhD

Director, Eastman Institute for Oral Health

Vice Dean for Oral Health, University of Rochester

EIOH has been awarded a five-year, \$1.2 million grant from the U.S. Dept. of Health and Human Services' Health Resources and Services Administration (HRSA) to attract and recruit, develop, and retain dental faculty, whose dental academic careers intersect with, and are essential to integrated primary care.

"While the traditional method of loan repayment helps address financial challenges young faculty face," explained Dr. Eli Eliav, EIOH director and the grant's principal investigator, "there are other practical barriers to academic faculty retention, such as mentoring."

But the time needed to devote to mentoring is usually taken by competing clinical, research, and administrative priorities. To address this, EIOH has developed an innovative and comprehensive mentoring program and is integrating it with faculty development and the loan repayment program for General, Pediatric and Community Dentistry faculty.

"We will focus on enhancing the faculty's integrated clinical expertise, career retention, and academic mentoring," added Dr. Eliav. "Thanks to Drs. Walt Psoter, Cyril Meyerowitz and Mrs. Chris Guerinet who wrote the grant."



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Pediatrician Dennis A. Clements III, MD, PhD, MPH, and his wife pediatric dentist Martha Ann Keels, DDS, PhD

\$1 Million Gift to Support Eastman Institute for Oral Health and SMD Students

Two health care professionals who are passionate about children's health, especially those with special needs, have committed \$1 million to the University of Rochester Medical Center.

Pediatrician Dennis A. Clements III, MD, PhD, MPH, and his wife pediatric dentist Martha Ann Keels, DDS, PhD, found perfect alignment with their values, philanthropic interests and the unique work being done at the University's School of Medicine and Dentistry and Eastman Institute for Oral Health.

Half of the commitment—a bequest—will establish the Dr. Dennis A. Clements III and Dr. Martha Ann Keels Student Support Fund. The endowed fund will enable medical students to participate in educational, research and clinical activities in countries with health disparities. Dr. Clements, who serves as chief of Pediatric Primary Care at Duke Children's Hospital, said the individualized, personal

education he received at the University of Rochester really shaped the person and professional he's become.

"The University of Rochester's philosophy is one we'd like to reinforce and reward," said Dr. Clements, who graduated from the University in 1972 with his medical degree. "As a medical student, I was given a unique opportunity to go to Uganda. That experience was transforming in my life and I think it would be in other lives. I don't think you can take somebody where they need to be until you know where they are. If we aren't aware of other cultures, we certainly can't help them."

Dr. Clements also serves as director of Duke's Exploring Medicine in Foreign Cultures. Every year since 2000, he has taken several students to a village in rural Honduras to provide basic health care. He led efforts to build a maternal and child health clinic that is fully operational today by local staff. "The opportunity for students to travel

and learn from other cultures will make them smarter and better at home,” said Dr. Clements. “The students benefit from this experience as much, if not more, than what we give in medical services.”

The remaining \$500,000 will establish the Dr. Dennis A. Clements III and Dr. Martha Ann Keels EIOH Pediatric Dentistry Clinic. The funds will allow renovations and technology updates to provide the very best training and care environment for EIOH residents and patients.

“This is an inspiring gift. Dennis and Martha Ann have been very thoughtful about the impact they want to make, and their generosity will help us improve the health of people in our community and around the world,” said Mark Taubman, MD, CEO of the University of Rochester Medical Center and UR Medicine and dean of the School of Medicine and Dentistry.

“Our gratitude to Dennis and Martha Ann runs deep,” said Eli Eliav, DMD, PhD, director, Eastman Institute for Oral Health. “Their support will allow us to renovate and update the clinic providing optimum care and education.”

Dr. Keels has provided dental care for children with special needs for more than 30 years. She knows first-hand the numerous challenges that medically compromised children, their families and providers face. Similarly to EIOH, Dr. Keels has patients who travel more than three hours to see her because there are few pediatric dentists who have the training to treat children with special health care needs.

When Drs. Keels and Clements heard that EIOH was recently awarded \$3.5 million to train 100 pediatric and general dentists, plus numerous hygienists, dental assistants and other staff in treating the unmet oral health needs of patients with special needs and medically complex conditions, they wanted to lend their support, as well.

Advances in medicine have led to increases in life expectancy for patients with childhood congenital or acquired

diseases. The current system is unequipped to provide high quality dental care for this growing population of patients as they enter adulthood, resulting in a significant shortage of dental health professionals nationwide. This five-year grant, funded by the Health Resources and Services Administration, part of the U.S. Department of Health and Human Services, aims to bridge that gap.

“It’s incredibly hard work, and I commend Eastman Institute for taking this challenge on,” said Dr. Keels, who has about 100 patients over the age 30 because there are very few general dentists who are comfortable treating an adult with special health care needs. “Training pediatric and general dentists and other staff is a critical step toward reducing disparities for patients with special needs. Our health care system generally provides one doctor and one assistant for one patient. For many of our patients who get bigger and stronger, we need three assistants, plus the patient’s parents, and a nurse.

Addressing these many challenges with a team effort will prove successful in the long run to better serve the individuals with special needs.”

*Dr. Mark Taubman,
URMC CEO*



*The EIOH Pediatric Dentistry Clinic
will be updated to enhance resident
education and patient care.*

Unique SMILEmobile Gives First-of-its-Kind Access to Patients with Special Needs

After a year of planning and building, Eastman Institute for Oral Health presented a new, custom designed SMILEmobile that provides first-of-its-kind access to people with special needs, including older adults, people with developmental disabilities and other medically complex conditions.

The new unit is a self-contained, drivable, wheelchair-accessible dental clinic, unlike Eastman Institute's three other SMILEmobiles, which are trailers transported to city schools to provide treatment to children. The new unit provides special services for adults, in addition to cleanings, x-rays, fillings, sealants, extractions and oral health education.

The Loboizzo Family Advised Fund of the United Way of Greater Rochester donated the major funding to build the unit. Joseph M. Loboizzo II, local businessman and founder of JML Optical, said he and his family are excited about reaching hundreds of Rochester area residents whose oral health care needs often go unmet because of various challenges, including lack of transportation and few providers who are able to treat patients confined to wheelchairs.

"This new SMILEmobile, including the air glide chairs, exceeded all of my expectations," said Loboizzo, who was touched by the patients' stories shared at the ribbon cutting ceremony. "So many people at various agencies, group homes, and special needs centers will now have accessibility that has never been offered before."

"We are deeply grateful to Mr. Loboizzo and his family for their generosity and heartfelt desire to help those in need," said Eli Eliav, DMD, PhD, director of Eastman Institute for Oral Health. "Oral health care is the number one unmet health need among people with special needs. His gift will allow Eastman specialists to reach patients in an unprecedented fashion, as well as to train the next generation of providers."

The new SMILEmobile will be one of the sites to train 100 pediatric and general dentists, hygienists and dental assistants in treating patients with special and complex needs, as part of a \$3.5 million U.S. Department of Health and Human Services grant awarded last year.

"Providing dental services in a state-of-the-art mobile office for extensive care as well as for dental hygiene is a tremendous



People toured the new SMILEmobile after the dedication ceremony.



Patients, staff and (l to r) UR President Joel Seligman, Joe Loboizzo, NYS Senators Joe Robach, Mike Ranzenhofner and URMCE CEO Dr. Mark Taubman helped cut the ribbon.

advantage for older adults,” said Kathy Grimes, LNHA, CASP, administrator for The Living Center at Highlands at Pittsford. “For some residents, a trip to an outside dental office can be long, uncomfortable, and anxiety provoking. It is exciting for us to offer resident-centered dental care through this great innovation from Eastman Dental.”

Some special features of the unit include a wheelchair lift, wider doors, and an air glide chair that allows more maneuverability for the wheelchair-bound patient to enter the unit and be transferred to the air glide chair for treatment or stay in his or her own wheelchair.

Like many parents of children with intellectual and developmental disabilities, Barbara Burdette experienced difficulty finding a dentist who would treat her daughter Rebekah.

“Eastman Dental quickly got her the help she needed,” she said. “They have helped relieve my frustrations from a dental perspective because I know Rebekah has access to care. As a family, we are forever grateful for Eastman Dental for the wonderful, patient and respectful care they have given Rebekah.”

From Eastman Rome



Dear Friends of the Eastman Headquarters,
The colleagues from Eastman in Rome send you best wishes for your 100 anniversary!

Being founded in 1933, the Eastman in Rome is “only” 84 years old. Recently it became part of the Policlinico Umberto I, the hospital of the Sapienza University: the biggest dental hospital in Italy is now partner of the most important and biggest dental school in our country.

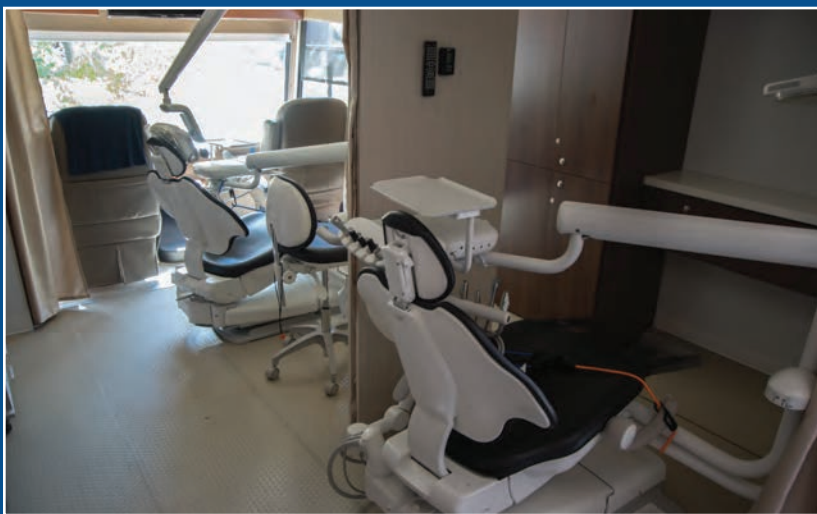
This process, full of challenges, is giving Italy a future perspective that includes dental treatment for the young and economically disadvantaged patients, training, education and research. All this is in accordance with the original George Eastman’s vision.

I am honored to lead this process and to join you in this very important celebration.

Antonella Polimeni, MD, DDS
Director, Eastman Dental Hospital
Rome, Italy



EIOH patient Rebekah Burdette (center) with her parents, Barbara and Dennis Burdette.



The inside of the new SMILEmobile has three treatment areas, with airglide chairs for easy patient access.

A Century of Innovation



*Dental Dispensary
Rochester, NY*

The year was 1917. The United States declared war on the German Empire, suffragists were arrested in front of the White House, and the Chicago White Sox won the world series against the New York Giants. On East Main Street in downtown Rochester, another monumental event was on the horizon. Two years earlier, innovator and entrepreneur George Eastman, donated funds to build the Eastman Dental Dispensary. He hoped the Dispensary would care for the teeth of all of Rochester's most vulnerable children. On October 15, 1917, the Rochester Dental Dispensary opened its doors.

1915

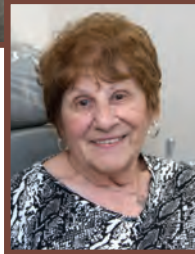
George Eastman donates the funds to build the Rochester Dental Dispensary.

The Dispensary establishes the Rochester School of Dental Hygiene.

1916

First graduates of Dental Hygiene School are awarded diplomas.

1917



Ms. Florence Falzone, a current patient, remembers walking to the Dispensary with the older children from school and paying a nickel for dental treatment.

Eastman gives \$4 million to complement \$5 million grant by John D. Rockefeller, Jr., making possible the University of Rochester's School of Medicine and Dentistry.

1920

To reduce anxiety for children, Eastman placed a birdcage in the waiting areas and childhood themed murals on the walls.

1928

Plans for the dental component of the School of Medicine and Dentistry in cooperation with the Dispensary are abandoned. The University of Rochester Dental Fellows Program is developed.

Eastman Dental Institute in London opens.

1930





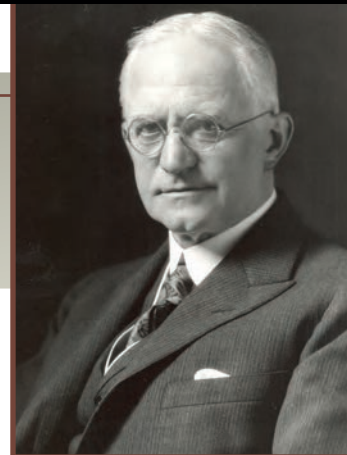
n and Community Care



Patient care
early 1900's.

1932

George Eastman dies at
age 77 and bequeaths
another million dollars to the
Rochester Dental Dispensary.

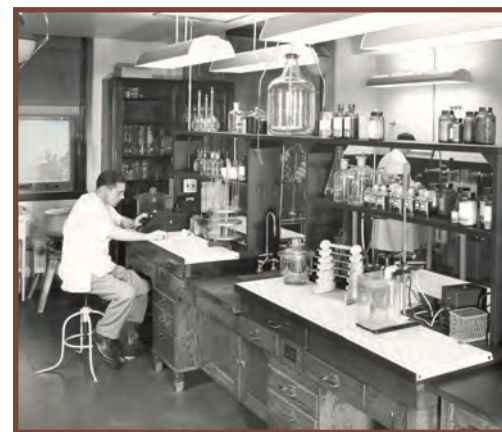


1933

The Eastman
Dental Clinic
of Rome and
Brussels open.

1936

The Stockholm
Clinic opens.



1937

The Paris
Clinic opens.

Early research
1930's.

1951

A master of science program with a major in
dental science is established at the UR School of
Medicine and Dentistry in cooperation with the
Dispensary.



Class lecture -
Dr. Basil Bibby
1948.

1955

The Department of Dentistry and Dental Research
is created at the UR School of Medicine and
Dentistry.

1964

Administration of the Dispensary's School
for Dental Hygiene is transferred to Monroe
Community College.



Class of 1956

Continues on next page.



Dr. Michael Buonocore develops a process for enhancing the adhesion of plastics to teeth, a revolutionary breakthrough still used today.

1966

The American Dental Association gives approval for Eastman's clinical training programs, which have become world renowned. Eastman's signature SMILEMobile program is established with first unit. This program has grown to serve thousands of children each year, becoming a nationwide model.

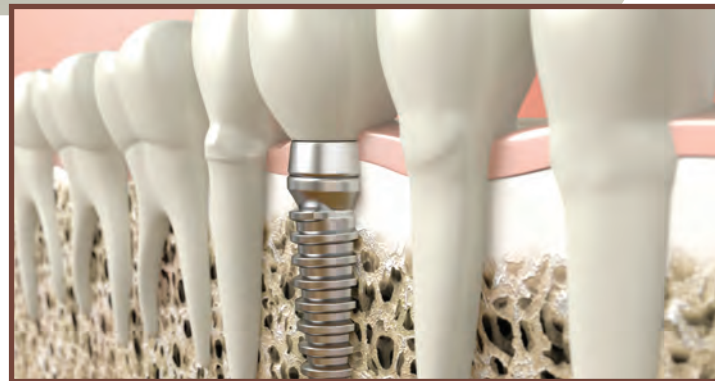
1967

1984

Eastman Dental selected as one of few in U.S. to trial and later teach innovative, new technique using dental implants, devised by Sweden orthopedic surgeon Dr. Branemark.

1997

Eastman Dental and the UR merge, becoming partners in providing oral health care, graduate education, and research.



2003

Beginning of teledentistry program, catching tooth decay early in preschoolers; program later expands to many rural areas, improving access and reducing costs.

2009

Eastman Institute for Oral Health is established, replacing the Eastman Dental Center as a division within the URM, functioning as the integrated entity responsible for research, education and clinical care in oral health. EIOH occupies the same position on the URM organizational chart as the School of Nursing, the School of Medicine & Dentistry and Strong Memorial Hospital.





Class of 1999

2011



EIOH consistently ranks in the top 10 National Institutes for Health/National Institute Dental and Craniofacial Research funding.

2013

Major \$5.9 million renovation completed, allowing a major increase in access to care in both downtown Rochester and at its main clinic site on Elmwood Ave.

2015

Several international partnerships and training with major universities in China, Saudi Arabia, Kuwait, and Poland have been established.

Eastman Dental is part of UR Medicine's new Complex Care Center, the region's first primary care and dental practice dedicated to patients with chronic childhood-onset conditions.

Custom designed, drivable, wheelchair accessible SMILEmobile provides first-of-its-kind access to people with special needs.

2016



2017

100 years since Eastman Dental treated its first patient. World renowned dental leaders gather for scientific and educational sessions at EIOH's Future Starts Now Symposium & Gala.



After 100 years of demonstrated excellence, Eastman Institute for Oral Health is well positioned for the next 100 years.

The future starts now.

EIOH Director Dr. Eli Eliav addresses employees at the Centennial Kickoff Event.

EIOH Kicks off Centennial Celebration

Visit www.eioh100years.urmc.edu for videos, stories, historical timelines and alumni news.

In honor of 100 years of research, education, patient care, and community service to the Greater Rochester community, EIOH has begun the year-long Centennial celebration!

EIOH kicked off the Centennial celebration with the Shine a Light on Eastman Dental event. Many Rochesterians are familiar with Rochester Institute of Technology's annual Big Shot project, where RIT's photo students, faculty and community members illuminate a building with light at night to capture a dramatic image. With a similar approach in mind and with assistance from RIT's Big Shot Committee, some 300 people gathered to 'paint' the exterior of Eastman Dental with flashlights, while photographers shot an extended exposure (see cover photo).



Shine a Light Team Leaders from EIOH and RIT.



The Eastman Dental Centennial Team raised more than \$2,000 during the Stroll for Strong Kids to benefit Golisano Children's Hospital. Volunteers passed out dental health goodie bags and spoke about the impact Eastman Dental has had in the community.



EIOH employees and family members enjoyed a kickoff party ahead of the photograph portion.

- EIOH recently unveiled a new SMILEmobile! Funded by the Loboizzo Family Advised Fund of the United Way of Rochester, it is the first of its kind to provide dental care access to people with special needs, including older adults, people with intellectual and developmental disabilities, and others with medically complex conditions.
- EIOH employees, friends and families participated in the 4th Wilmot Warrior Walk. This annual event celebrates cancer survivorship, with fundraising to benefit the Judy DiMarzo Cancer Survivorship Program and other cancer research efforts at Wilmot Cancer Institute. The Eastman Dental Centennial Team walked, ran and had a table at the event to share the Eastman story and answer questions.
- The beautiful display cases in the lobby of the main clinic will be temporarily filled with photographs, dental artifacts, and an ephemera from EIOH's extensive history in the community including the Dental Hygiene and SMILEmobile programs, research highlights, dentistry-themed books, toys, and games.
- EIOH will unveil a special plaque that was gifted to the University by the George Eastman House during a presentation of a time capsule containing items representative of each EIOH department. A key or note will be "buried" behind a brick near the plaque and the time capsule itself will be located offsite. The time capsule will be opened in 50-100 years to demonstrate to the future EIOH generations their progress within clinical care, research, and education.
- Two videos-one that highlights EIOH's patient care and community service, and one focusing on education and research have been produced and will be shown during the Centennial gala, among other places.



The George Eastman Museum has a small exhibit highlighting George Eastman's legacy on dental health in Rochester and beyond. Located on the second floor sitting room of the mansion, the exhibit includes two display cases: one highlighting the founding of the Rochester Dental Dispensary and the other devoted to the international Eastman Dental Clinics.

The museum hosted a talk from Elizabeth Brayer, author of *Leading the Way*, chronicling George Eastman's involvement with what is now EIOH. Ms. Brayer was joined by Dr. Cyril Meyerowitz, professor and EIOH director emeritus, who spoke about how the organization has changed and grown over the years.



Patients Then and Now - As a young child, Angela Lauria had her tonsils removed at the Dental Dispensary and her husband Tom is a current patient at Eastman Dental.



The original Dental Dispensary at 800 East Main Street has been renovated and converted to housing for seniors, called Eastman Gardens. The contractor incorporated elements of the old dispensary, whenever possible. The SMILEmobile will visit the facility to treat residents.

- Social media contests will help increase awareness and help drive traffic to our social media sites and the EIOH website.
- Monroe Community College hosted a 100th celebration luncheon in honor of the hygiene program.
- Local artist Lynne Feldman is creating a painting that symbolizes EIOH's research, education, patient care, and community service contributions. Her progress will be documented and presented as part of The Future Starts Now symposium next year.
- The Centennial celebration will culminate with a scientific symposium on June 9-10, 2017 in Rochester, NY (see pages 16-19). The Future Starts Now will focus on the future in dental and craniofacial research, dental education, and clinical and community care. Day 1 will conclude with a reception for our Eastman International colleagues, which will be open to everyone who attends the Symposium.
- Following the close of the symposium, on Saturday evening, EIOH will host a Centennial Celebration Gala at the Hyatt Regency. The gala program will include remarks from UR President Seligman, Drs. Taubman and Eliav, and distinguished alumni, videos, and live entertainment.



Eastman Institute has partnered with the Eastman School of Music, established by George Eastman in 1921 as the first professional school of the University of Rochester. The School of Music composed a Centennial Fanfare, which was recently performed by the Eastman Saxophone Project at the Rochester Public Market alongside the new SMILEmobile, where dentists provided free oral cancer screenings. A concert in the spring is planned at School 17.

We'd love to stay in touch!

Please contact us to make sure we have your and fellow Eastman Alumni's current email and/or address!

Follow us on Facebook, Twitter
and YouTube

Email: Karen_Black@urmc.rochester.edu

EASTMAN INSTITUTE FOR ORAL HEALTH CENTENNIAL CELEBRATION

The Future Starts Now

SCIENTIFIC SYMPOSIUM

June 9th and 10th, 2017

University of Rochester School of Medicine & Dentistry



UR
MEDICINE

EASTMAN
INSTITUTE FOR ORAL HEALTH

The Future Starts Now

SCIENTIFIC SYMPOSIUM

PROGRAM OVERVIEW

The University of Rochester Eastman Institute for Oral Health (EIOH) is celebrating 100 years of research, education, patient care, and community service in the Greater Rochester community! Join us for a multidisciplinary scientific symposium focusing on the future of dental and craniofacial research, dental education and clinical and community care. The two-day event will include a reception on Friday afternoon in honor of our long-term collaboration with other international dental centers, particularly the European Eastman Dental Institutions. The celebration will conclude with our Centennial Gala at the Hyatt Regency Rochester. For more information, visit EIOH100years.UMRC.edu.

Friday, June 9th, 2017

Introduction & Welcome8:00 a.m.
Eli Eliav, D.M.D., M.Sc., Ph.D.

THE FUTURE STARTS NOW PLENARY SESSION 8:30 A.M.

Chairs: Christopher Fox, D.M.D., D.M.Sc.; Cyril Meyerowitz, D.D.S., M.S.; Eli Eliav, D.M.D., M.Sc., Ph.D.

Keynote: Charles P. Friedman, Ph.D., Josiah Macy Jr. Professor of Medical Education, Chair of the Department of Learning Health Sciences, University of Michigan Medical School.

Martha Somerman, D.D.S., Ph.D., Director, National Institute of Dental and Craniofacial Research; **Richard W. Valachovic, D.M.D., M.P.H.**, President and CEO, American Dental Education Association; **Nancy M. Bennett, M.D.**, Professor of Medicine and Public Health Sciences, Director of the Center for Community Health, Co-director of the Clinical and Translational Science Institute, University of Rochester School of Medicine and Dentistry.

Break & Exhibits 10:30 a.m.

PARALLEL SESSIONS 11:15 A.M. – 1:15 P.M.

Implants

Chairs: Carlo Ercoli, D.D.S.; Jack Caton, D.D.S., M.S.
 David Cochran, D.D.S., Ph.D.; Dennis P. Tarnow, D.D.S.

Caries Prevention & Community Health

Chair: Dorota Kopycka-Kedzierawski, D.D.S., M.P.H.
 Michel Koo, D.D.S., M.S., Ph.D.; John Featherstone, M.Sc., Ph.D.;
 Domenick Zero, D.D.S., M.S.; Brian Clarkson, B.C.H.D., L.D.S., M.S., Ph.D.

Oral Biosciences

Chair: Robert G. Quivey, Ph.D.
 Robert J. Genco, Ph.D., D.D.S.; Robert A. Burne, Ph.D.;
 Frank Scannapieco, Ph.D., D.M.D.; Floyd Dewhirst, D.D.S., Ph.D.

Arts & Culture

Chair: David Levy, D.M.D., M.S.
 Ms. Tiffany Staropoli; Ms. Lynne Feldman;
 John Covach, B.Mus., M.Mus., Ph.D.

Lunch & Exhibits 1:15 p.m.

PARALLEL SESSIONS 2:30 P.M. – 4:30 P.M.

Esthetics

Chair: Hans Malmstrom, D.D.S.
 Marcos Vargas, B.D.B., D.D.S., M.S.; Galip Gurel, D.D.S.

Practice-Based Research

Chairs: Dorota Kopycka-Kedzierawski, D.D.S., M.P.H.; Cyril Meyerowitz, D.D.S., M.S.
 Sonia Makhija, D.D.S., M.P.H.; Walter J. Psoter, D.D.S., Ph.D.;
 Cyril Meyerowitz, D.D.S., M.S.; Dorota Kopycka-Kedzierawski, D.D.S., M.P.H.

New Devices, Technology and Medications

Chair: Sharon Elad, D.M.D., M.Sc.
 Craig S. Miller, D.M.D., M.S.; Brian O'Connell, D.M.D., Ph.D.;
 Domenick Zero, D.D.S., M.S.; Michael Pharoad, B.Sc., M.Sc.

Financial & Legacy Planning for the Future

Chair: Mr. Bryan D. Winters
 Mark E. Kluge, C.L.U., C.A.P., A.E.P.; Sherman F. Levey, J.D.

AADR POSTER SESSION ALL DAY

Eastman International Reception 4:30 p.m.



Please join us for the
 Eastman Institute for Oral Health's
INTERNATIONAL RECEPTION
 hors d'oeuvres, cocktails and refreshments will be served
 Friday, June 9th, 2017 ■ 4:30 – 7:00 p.m.
 (immediately following close of Symposium Day 1)

Sarah Flaum Atrium
 University of Rochester School of Medicine & Dentistry

Kindly R.S.V.P. by May 9th, 2017 to EIOH Centennial Committee
EIOH_Centennial@urmc.rochester.edu

Saturday, June 10th, 2017

THE PATIENT'S PERSPECTIVE

PLENARY SESSION

8:00 A.M.

*Chair: Cyril Meyerowitz, D.D.S., M.S.*Ms. Eva Grayzel; Matthew Holder, M.D., M.B.A.;
Steve Perlman, D.D.S., M.Sc.D.

PARALLEL SESSIONS

9:00 A.M. – 11:00 A.M.

Prosthodontics

*Chairs: Carlo Ercoli, D.D.S.; Jack Caton, D.D.S., M.S.*Ricardo Mitrani, D.D.S., M.S.D.; Carlo Marinello, D.D.S., M.S.;
Carlo Poggio, D.D.S., M.S.D., Ph.D.

Oral and Maxillofacial Surgery

*Chair: Antonia Kolokythas, D.D.S., M.Sc.*Stephanie Drew, D.M.D.; Antonia Kolokythas, D.D.S., M.Sc.;
Chuan-Bin Guo, D.D.S., Ph.D.

Orofacial Pain

*Chairs: Eli Eliav, D.M.D., M.Sc., Ph.D.; Ross H. Tallents, D.D.S.*Gary M. Heir, D.M.D.; Ross H. Tallents, D.D.S.;
José Luis de la Hoz Aizpurúa, M.D., D.D.S., M.S.

Center for Oral Biology

*Chair: Robert G. Quivey, Ph.D.*Charles A. Thornton, M.D.; Timothy D. Dye, Ph.D.;
Douglas Stuart Portman, Ph.D.Implant versus Root Canal: How Do We Make
the Right Decision?*Chair: Hans Malmstrom, D.D.S.*Peter Z. Tawil, D.D.S., M.S.; Mohamed I. Fayad, D.D.S., M.S., Ph.D.;
Robert Durand, D.M.D., M.S.; Filippo Cangini, D.D.S., M.S.;
Yu Mao, D.D.S., M.S., Ph.D.; Luis C. Paras Fernandez, D.D.S.;
Georgios Romanos, D.D.S., Ph.D.Zirconia, Lithium Disilicate (e.max), PFM or Metal Restoration:
How to Choose Material and Cement!*Chair: Hans Malmstrom, D.D.S.*Amirali A. Zandinejad, D.D.S., M.Sc.; C. Edgar Davila, D.D.S., M.S., C.D.T;
Marcos Vargas, B.D.B., D.D.S., M.S.; Ram Vaderhobli, D.D.S., M.S.;
Alfonso Pineyro, D.D.S.

Break & Exhibits 11:00 a.m.

PARALLEL SESSIONS

11:30 A.M. – 1:30 P.M.

Periodontics

Chairs: Jack Caton, D.D.S., M.S.; Carlo Ercoli, D.D.S.

Sandro Cortellini, M.D., D.D.S.

Orthodontics

Chair: Emile Rossouw, M.Ch.D., Ph.D.

Larry M. Wolford, D.M.D.; Rolf G. Behrents, D.D.S., M.S., Ph.D.

Pediatric Dentistry

*Chair: Sean McLaren, D.D.S.*Anne O'Connell, B.A.; B.Dent, M.S.; Jeffrey M. Karp, D.M.D., M.S.;
Martin Curzon, B.D.S., M.S., Ph.D.; Bernadette Drummond, B.D.S., M.S., Ph.D.

Oral Medicine

Chair: Sharon Elad, D.M.D., M.Sc.

Ms. Eva Grayzel; Craig S. Miller, D.M.D., M.S.; Stephen Porter, B.Sc., Ph.D., M.D.

Community Dentistry

*Chair: Sangeeta Gajendra, D.D.S., M.P.H., M.S.*Ronald J. Billings, D.D.S., M.S.D.; Buddhi Shrestha, D.D.S., M.S.;
A. Dirk Hightower, Ph.D.; Jayanth Kumar, D.D.S., M.P.H.;
Dionne Richardson, D.D.S., M.P.H.; Dolores A. Cottrell, D.D.S., M.S.H.A.

AADR POSTER SESSION

ALL DAY

Adjourn 1:30 p.m.

COURSE CREDITS

Continuing Dental Education Credits: 10

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Centennial Celebration Scientific Symposium

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(Includes lunch on June 9th and breaks on June 9th and 10th)

	Through February 15 th	After February 15 th
SYMPOSIUM ONLY		
Dentist	\$550	\$650
EIOH FT/PT Faculty	\$200	\$250
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Symposium registration discounted by \$50 when packaged with gala ticket(s). See gala insert to purchase tickets.		
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SYMPOSIUM SPEAKERS		
All program speakers	No charge	No charge

* Accompanying persons are non-dentists who may be traveling with a meeting delegate and who have no scientific or educational interest in the meeting. Meeting participants' students, lab technicians, colleagues, co-authors, employees, etc. do not qualify as accompanying persons and are required to pay the appropriate registration fee if they wish to attend.

In case of cancellation, the symposium registration fee will be refunded, minus a 20% cancellation charge.

Please register online or mail the completed registration by May 9th to:

Eastman Institute for Oral Health, Box 683, 625 Elmwood Ave., Rochester, NY 14620-2989, U.S.A., Attn: Chris Guerinot

Complete registration online anytime at EIOHCentennial.urmc.edu

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Dental and Medical Services Under One Roof for Patients with Unique Needs



Delayne Coats (left), brings her daughter Tiffany to the Complex Care Center for care from EIOH's Andrea Pedersen, RDH.

Patients who have been coping with serious health problems since childhood now have a health resource designed just for them at UR Medicine's new Complex Care Center.

The Center is Rochester's first primary care practice—including dental services dedicated to caring for patients with chronic childhood-onset conditions such as cystic fibrosis, sickle cell anemia, childhood cancers, autism, and intellectual and developmental disabilities.

A primary care and dental practice devoted to patients with childhood diseases is a new concept nationwide. Only a few such centers exist, and demand for this type of care is rising as the patient population grows. Thanks to medical advances, more than 90 percent of children with special health care needs now reach adulthood.

Only a generation ago, patients with these conditions did not survive to adulthood, so medical providers haven't formed consensus on the best approaches to care for adult patients. Resources for providers and patients are in short supply. The center aims to be a resource for primary care providers in Rochester and the region who also see complex patients by offering them information and support – including phone consultations, educational sessions, and patient care protocols designed for complex patients. A Greater Rochester Health Foundation grant supports the Center's workforce development initiatives.

Eastman Institute for Oral Health's Eastman Dental has three treatment rooms at the new Complex Care Center, equipped with handicap-accessible dental chairs that can be easily moved, making space for all patients with wheelchairs, or to provide a different view for an anxious patient.

"Our goal is to provide a safe, comfortable and welcoming environment focused on individual needs of this patient population," said Adela Planerova, DDS, MS, director of Dental Services at the Center. "We provide cleanings and preventive care, fillings, extractions, dentures and other dental services. Our focus is to prevent dental disease and provide intensive programs with fluoride supplements, and dry mouth management."

Thanks to a federal Health Resources and Services Administration grant, EIOH is training general and pediatric dentists at the Complex Care Center, in an effort to improve

access for patients. Dental care is often cited as the number one unmet health care need among this patient population.

We developed the Complex Care Center model over the past several years by really listening to our patients and families," said Tiffany Pulcino, MD, MPH, the Center's director. "We know the challenges they face, and our entire team is passionate about making health care better for them. We want to provide them a place where they can come and feel welcome, cared for, and supported."

In addition to primary and dental care, the new practice offers other essential services, including nutritional counseling, physical therapy, respiratory therapy, occupational therapy, and a lab draw station, with plans to add mental health services later on.

"To help reduce stress many of our patients experience, we engage them using aroma therapy, music and special lighting," added Dr. Planerova. "We have found these methods to be very successful."



Tracy Poupore, Maureen Steinbacher, Andrea Pedersen, Adela Planerova, Deborah Mostyn, Linda Pascheo.

New Career Fellowship Available

Eastman Institute for Oral Health has established a new Dental Career Fellowship to provide advanced education to dentists interested in increasing their knowledge in the various disciplines of dentistry. Concentrated one-year Fellowship program tracks are available in General Dentistry, Oral and Maxillofacial Surgery, Pediatric Dentistry, Prosthodontics, Periodontics and Dental Implantology, Oral Medicine, Urgent Care, Geriatric Dentistry, Orthodontics, Community Dentistry and Translational Research in General Dentistry.

“New technologies and changes in health care delivery have precipitated the growing need among dentists to improve their knowledge and skill beyond undergraduate training and beyond what can be offered in continuing education courses,” said EIOH Director Dr. Eli Eliav. “This new fellowship will provide this level of knowledge and will prepare dentists for residency programs in various dentistry disciplines.”

More specifically, the fellowship will expose participants to intra-professional education and research at the postgraduate level and how dentistry is integrated within various health care teams. Upon completion, participants will understand and apply basic research methodology, have an opportunity to experience firsthand the benefits and rewards of teaching, and be given opportunities to work with EIOH administrators and faculty.

Participants attend classes, lectures, seminars, take exams, provide direct patient care under faculty supervision, and conduct research, among other duties, making it an outstanding opportunity to experience the specialty dentists are considering for a lifetime career.

Applicants must be a graduate of a dental institution accredited by the Commission on Dental Accreditation of the American Dental Association with a DDS or DMD. For more information on tuition and the application process, please contact the EIOH Registrar's office.

From Eastman England



The Centenary of the Eastman Institute for Oral Health is a time to celebrate its significant contribution to education, research and ultimately patient care. Over the past 100 years the Institute has produced high quality dentists and high impact research that have each enhanced the oral health of generations of patients as well as influenced public health policies.

Such a legacy assures that the Institute will continue to advance oral health care of patients with ever changing and often complex needs. On behalf of UCL Eastman Dental Institute, I am delighted that the activities of the “Rochester” Eastman will continue to advance and hope that we can collaborate on activities that enhance the lives of patients from around the globe.

Stephen Porter, Director
University College London Eastman Dental Institute



Esthetic Continuum Celebrates 20 Years

Drs. Nasser Barghi, Hans Malmström and Tim Brady

Every winter for the past 20 years, **Dr. Hans Malmström**, chair of General Dentistry has arranged and conducted the Esthetic Course at Eastman Institute for Oral Health. The original courses were provided over a 12-day period and were designed to present information that was so cutting-edge and up-to-date that the recent dental school graduate would not have been exposed to the information.

Recently, the course consists of four 1 ½ day sessions on Fridays and Saturdays, presented by some of the finest and best-known clinicians in the country. All General Dentistry residents are required to attend and the course is open to all dentists.

The basic concepts of the course are that the speakers lecture for part of the time, followed by either a live patient demonstration and/or a bench-top group participation program involving the concepts taught in the course. There is also significant interaction between all of the participants, many of whom travel from all over the world for this annual event.

“Without question, the information in the course content is very practical and usable right away,” said Dr. Tim Brady, a general dentist who travels from Guam to attend the Eastman Esthetic Conference each year. “The speakers are always good and progressive and there’s nice people, here, too.”

The list of speakers is varied and the subjects covered have run the gamut from implant dentistry and soft and hard tissue grafting to crown and bridge dentistry, placement of porcelain veneers composite restorations, and fiber reinforced bridges, vital teeth bleaching, post and cores fabrication, dental materials updates, even a two-day course on oral rehabilitation sponsored by the Pankey Institute.

In this era of evidence-based dentistry, all speakers are encouraged and requested to provide both research information and also speak to the practical side of the subject. In addition to the esthetic and scientific components of the presentations, most speakers also discuss patient management techniques and the secrets to their success. Of course everyone wants to demonstrate their best efforts, but some of the most interesting parts of the program take place when the presenters go into great detail discussing the problems that could occur during and after the procedures.

Dr. Barghi, who's lectured in 44 countries and given more than 1,000 presentations, has started to cut back his schedule. "Even as I continue to cut back, I will still come to this conference," said the professor and head of Esthetic Dentistry in the Department of Restorative Dentistry at the University of Texas at San Antonio. "The atmosphere here is great, the participants come from diverse backgrounds and ask great questions, and people really want to learn. I love engaging directly with the participants."

As the dentistry profession, digital technology and materials have evolved, the EIOH Esthetic Dentistry Conference has become more popular, he added. "Today, there are so many things that the dental schools don't teach. This conference provides practitioners valuable understanding and skills."

In addition to the Eastman Institute for Oral Health, the courses are sponsored and supported by significant contributions from dental laboratories, materials manufacturers, equipment suppliers, and implant companies. Brasseler USA, Straumann and Ultradent are some of the companies that have long-term relationships with Eastman and have sponsored the conference for the majority of the 20 years.

"We're grateful to all the sponsors, participants and employees who have made this conference so successful," said Dr. Malmström, who 20 years ago approached Kim Hampton to lead a team of dental assistants to set up and organize the conference. "She has a great work ethic, is very well versed with the materials and equipment and has done an outstanding job for 20 years."

Mona Fine, the program secretary for General Dentistry, became involved in the program a few years later and has played a pivotal role with organizing this continuum by communicating with speakers and participants, assisting with sponsors, developing the brochure and advertising for the course.

"Kim and Mona have developed good relationships with the speakers and participants, remember so many important details and always think fast to solve any last-minute challenges," Dr. Malmström added.

Some of the speakers have included Drs. Georgios Romanos, a periodontist, prosthodontist, oral surgeon and implantologist from Stony Brook University, Dr. Corky Wilhite, a restorative dentist from Louisiana, Dr. Nasser Barghi, a prosthodontist from the University of Texas at San Antonio, Dr. Marcos Vargas, an Eastman graduate and professor at the University of Iowa, on Complex Composite Techniques, Dr. George Tysowsky, a restorative dentist, materials researcher at the University of Buffalo, and an executive at Ivoclar Co., Dr. Hans Malmström, director of the General Dentistry Program at EIOH, and Dr. John Burgess, a clinician and researcher from the University of Alabama.



In January, the series will begin its 21st year with another great lineup of professionals. Please visit www.urmc.rochester.edu/dentistry for all the details.

"All dentists providing care to the public, no matter their age, would benefit greatly from this comprehensive course. It is a wonderful opportunity to obtain valuable and practical information from a group of talented and highly respected clinicians," added Dr. Malmström.

Brewer Conference



Ms. Maria Morales and
Dr. Eduardo Torrado



Dr. Avishai Sadan
and Dr. Eli Eliav



Dr. Alejandro Sanchez-Lara, Dr.
Konstantina Tzouma, Dr. Julian Kahn,
and Dr. Jessica Paola Sugajara



Brewer Conference
attendees



Drs. Mario Rotella and
Konstantinos Chochlidakis



Dr. Hrant Kavoukdjian
and Dr. Antonio Bello



Drs. Frank LaMar and
Mr. Robert Ingrassio



Dr. Jane Brewer and
Dr. Gerald Graser



Drs. David Chvartzaid and
Evangelos Rossopoulos



(l to r) Drs. Zhihui Wang, Samuel Ire Obamiyi,
Hassan Mohammed Alzamil, Charikleia
Malamou, and Pakhshan Ghaderi



Handelman Conference

Dr. Samela DePaula
Lima, Dr. Allen
Pereira, and Dr.
Onelis Leal



Dr. 'Grace' Xuelian Huang
and Dr. Nirmala Tasgaonkar



Elena Velo,
Heidi Djovic,
and Tatyana Guy



Dr. Michael Nawrocki



Dr. Bhumija
Gupta, Karen
Glomboski



Dr. Ashley Ta, Dr. Ira Kamp,
Dr. 'Lisa' Zhongyan Zhang



Kayla Worth, Karla Navarrete,
and Adriana Wordan





Dr. Beatriz
DeBrito Bezerra



Dr. Eli Eliav and
Dr. Joseph Zambon,
Dean of UB School
of Dental Medicine

Oral Medicine Conference



Dr. Sharon Elad opens
up the 3rd Annual Oral
Medicine Conference
to a full house.

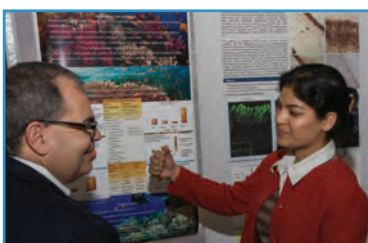
Drs. Eli Eliav and Sharon Elad with
guest presenters Drs. Thomas
Sollecito, Peili Chen, Bruce Smoller
and Dr. Bill Calnon, president of
Eastman Dental Foundation Board.



Preceptorship Opens Many Doors



Dr. Vinisha Ranna graduated from Government Dental College and Hospital in India, which provided subsidized treatment to patients in the heart of Mumbai. She pursued an EIOH preceptorship in General Dentistry to get an up close view of how dentistry is practiced differently in the U.S.



Dr. Maryam Habibzadeh, of Iran, graduated from the University of East College of Dentistry in Manila, Philippines. She traveled to the U.S. to take the NBDE exam and apply for post-doc training. During her online research, she learned about a periodontics preceptorship at EIOH, hoping to first gain knowledge about periodontics, and second to become familiar with the educational setting in U.S.



Describe your experience

Vinisha: The experience was great! The faculty were friendly and extremely helpful. I found the didactic courses especially informative. The materials taught were always up-to-date and evidence based. I greatly appreciated that I could participate in all the conferences and hands-on courses that were organized for the residents.

While I was observing and assisting, the program gave me an incredible opportunity to conduct research. My understanding and application of dental research was significantly augmented during the course. I am excited to analyze the results of a study on dental problems in recreational SCUBA divers I conducted while at Eastman. I was amazed at the excellent assistance system there is in place, with the librarians, program secretaries, and auxiliary personnel. The study was conducted online and was even featured in *British Dental Journal*.

I am currently enrolled in the dental program at the University at Buffalo. After my training at Eastman, I feel I

am much better equipped to treat patients and contribute towards research. I am grateful to have had the incredible opportunity to preceptor at Eastman.

Maryam: The perio preceptorship was a great opportunity for me to learn and improve my knowledge. It gave me the opportunity to become familiar with the way dentistry is practiced in the U.S. and to prove myself and show my skills and knowledge to faculty and program directors. I believe the preceptorship program helped me a lot to get accepted in the AEGD program. I am very grateful for the opportunities I gained during that. Not only did I achieve what I was hoping for, but I got to meet very nice and knowledgeable faculty and residents. They made my transition period in the U.S. enjoyable and easy and helped me through the process of learning and applying for advanced studying program in EIOH. I am very glad that I joined the EIOH family and perio preceptorship program. It was a life-changing experience for me.

Ensuring Excellence

THE TRAINING AND FINANCIAL SUPPORT

I received as a resident in the prosthodontic program at the Eastman Institute for Oral Health (then the Eastman Dental Center) had a profound impact on my life and career.

My colleagues and I were fortunate to study with world-renowned faculty who helped shape the profession and trained us to provide the best care for our patients. I have carried on these values in both my private practice and as an educator at the Eastman Institute for Oral Health.

Funding University deferred charitable gift annuities helps ensure this important legacy continues for generations to come. More immediately, this type of gift provides a charitable income tax deduction and a lifetime of retirement income, a portion of which will be tax-free. My six percent annuity rate is equally desirable.

It's rewarding to know that my gift will help to ensure a legacy of excellence at the Eastman Institute for Oral Health.

Dr. Mariane Bafle '85D (Pdc), '87D (Pdc) completed a general practice residency in dentistry and later became the first woman accepted into the prosthodontic residency program and its first woman faculty member. Dr. Bafle is a founding member of the Wilson Society.



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UNIVERSITY of ROCHESTER

Working to Solve the Chronic Pain Puzzle

When Eli Eliav, DMD, MSc, PhD, became the director of Eastman Institute for Oral Health in 2013, the hire marked a new direction for the faculty, staff, and patients. In continuing with a rich tradition of teaching, research, and clinical care, Dr. Eliav has helped expand the Institute's multifaceted approach.

"Dental medicine and oral health care go way beyond teeth. We are happy to repair and restore teeth, which we do very well," Dr. Eliav said. "But we do so much more than that. We have outstanding clinical and research enterprises."

The widely published expert in orofacial pain, oral medicine and editor-in-chief of *Quintessence International* has used his own philosophy and success to drive the Institution.

While EIOH is one of the smallest dental institutions in the U.S., it garners international recognition. Every year, more than 1,200 applications are received for 50 open residency positions. Eastman Institute is consistently among the top funded institutions by the National Institute of Dental and Craniofacial Research, part of the National Institutes of Health.

The faculty behind the success of EIOH's research accolades are consistently working to improve the program. As a whole, the Institute is increasing the overlap between basic science research and clinical care. One of the methods, says Dr. Eliav, starts with hiring faculty members who have an interest and proven skills in both fields.

"They may either grow into clinicians who understand research very well, or scientists who understand clinical care very well," he stated. "We need to lead a process, so that the next generation may continue to advance science and our understanding of it."

It is fitting that the man in the driver's seat is an accomplished researcher in his own right. He was recently appointed to the National Academies of Science, Engineering and Medicine's committee on Pain Management and Regulatory Strategies to Address Prescription Opioid Abuse. As the only dentist on the committee, Dr. Eliav is working with 17 other experts from around the nation, including physicians, scientists, and professors from Stanford University, Harvard School of Public Health and Medical School, Cornell University, Cedars-Sinai Medical Center, and Yale School of Public Health, among others.

For more than 30 years, Dr. Eliav has led the field of pain research, focusing on nerve injury and its association to chronic debilitating neuropathic pains.

"We need to lead a process, so that the next generation may continue to advance science and our understanding of it."

~ Dr. Eliav

Dr. Eliav was among the first to show that inflammation along the nerve trunk—even with no direct damage to that nerve—can induce pain in the nerve target organ. This finding, he said, explained many pain conditions that were difficult to understand. “For example, sciatic nerve pain is induced by inflammation in the spine or the hip area, but the pain is often felt along the leg in the nerve’s path,” he said. “This may also be related to cancer pain induced by the inflammation in the nerves adjacent to malignant processes.”

Dr. Eliav’s research group is among the leaders who study neuropathic pain in the face and the trigeminal system, where the most widely distributed nerves in the head are housed.

“Painful trigeminal neuropathies, or Neuropathic Orofacial Pain, share mechanisms and features with other neuropathic pains, yet it demonstrates inimitable characteristics,” he said. “Conditions such as Burning Mouth Syndrome, Trigeminal Neuralgia, or migraine occur solely in this region, while other conditions like the very common and painful diabetic neuropathy, rarely affects the orofacial region.”

He is also among the pioneers in developing sets of Quantitative Sensory Testing in the orofacial region to help with the diagnosis and follow-up of debilitating chronic conditions. His team was also involved in developing a unique treatment based on topical medications rather than systemic treatment, which is commonly accompanied with significant side effects.

Another complex topic that Dr. Eliav’s group studies is pain modulation and its clinical application. The brain has the ability to either facilitate or inhibit pain. Increased facilitation and or less efficient inhibition have been shown to have a role with chronic conditions, such as lower back pain, irritable bowel syndrome, migraines, and fibromyalgia. “The patients either have one or both— too much of facilitation or insufficient inhibition, considered faulty pain modulation.”

Scientists have learned, through measuring these two systems in the lab, that people with chronic pain have an increased facilitation system and a less efficient inhibition system.

Dr. Eliav’s work has recently shown that patients with chronic pain in the face indeed have a reduced inhibitory system, and suggested that pain reduction induced by exercise may be a promising way to pre-screen patients who may develop chronic pain following injury or invasive medical procedures. They also have shown that in the orofacial region, patients with post traumatic trigeminal neuropathy are endowed with faulty pain modulation.

“Pain perception is the result of peripherally generated data transmitted centrally, and modulated in the Central Nervous System before its arrival in the cortex, and the consciousness,” Dr. Eliav explained.

“Similar external stimuli may evoke different perceptions among different people, pending on their modulation processes and the situation they are in.”

In order to increase the inhibitory system in the brain, and thus decrease the pain, scientists know that this part of the brain is activated by painful stimuli, isometric muscle contraction or exercise.



Dr. Eliav uses Quantitative Sensory Testing on a patient.



Dr. Eliav and his lab manager Donna Hoak review immunohistochemistry staining of a nerve sample.

Dr. Eliav’s group recently developed an exercise induced model that gained national media attention because it demonstrated the association between the pain modulation profile and the development of chronic pain following nerve injury.

“We are extensively studying the mechanisms of pain modulation and exercise induced hypoalgesia in order to identify risk factors and develop new lines of treatment,” he said. “Exercise has shown to be an effective palliative effect for chronic pain conditions.”

“It has been demonstrated that patients with less efficient inhibitory modulation also developed more significant post-surgical pain and responded better to specific medications,” said Dr. Eliav, “suggesting that the pain modulation profile can support personalized or more targeted treatment for patients suffering from chronic pain conditions.”

While Dr. Eliav’s encouraging research continues, he and the other orofacial pain experts at EIOH are profiling patients to better determine who could be at risk for pain following dental procedures and develop treatments to prevent it from happening altogether.

After swabbing the patient's gums, Vera Graham processes it to determine possible HIV status.



HIV Testing at Eastman Clinics a Success

UR Medicine's Eastman Institute for Oral Health has received a grant from New York State to use a rapid screening test for HIV in three of its clinics, based on the success of its smaller pilot program in 2013.

Throughout New York, which has the highest rate of HIV than any other state in the U.S., a third of HIV positive people learn their status only after reaching advanced stages of infection. While state law requires health professionals to offer voluntary HIV tests to patients age 13 to 64, a significant portion of the population do not visit a primary care physician or dentist and rely on a

hospital emergency room for health care when an issue arises.

The pilot program conducted at Eastman Dental's urgent dental care clinic showed that rapid HIV testing in the dental environment is practical and effective. During that study, Eastman Dental tested 655 patients

and one patient was reactive. The patient was later confirmed HIV positive and successfully linked to medical care at the SMH Infectious Disease clinic in a timely manner.

With the patient's consent, a trained Eastman provider swabs the inside of the patient's mouth between the lip and the teeth, and places the swab in a vial filled with solution. The results take about 20 minutes, and if it shows as a preliminary positive, a confirmatory blood test must be done by the Infectious Disease clinic at Strong Memorial Hospital within 10 days.

The current grant includes screening Eastman Dental patients at its clinics on Main Street in the Sibley building, Campbell Street next to School 17, and urgent care patients at Elmwood Ave. near Strong Memorial Hospital.

"Our patients in these three clinics represent a diverse underserved population from nine area counties," said YanFang Ren, DDS, PhD, MPH, director of EIOH's urgent care clinic, who is leading the project. "The goal is to test 4,000 patients over 15 months. To date, we've tested more than 1,100 patients with one confirmed positive."



Dr. YanFang Ren

Eastman's Team Raises Awareness about E-Cigarette Risk

An EIOH multi-disciplinary team recently managed a case that demonstrates the harmful effects of e-cigarettes.

Since they became available in the U.S. nine years ago, electronic cigarettes have been increasing in popularity, especially among younger adults.

E-cigarettes are disposable or refillable battery-powered vaporizers that simulate the sensation of smoking. They resemble traditional cigarettes in appearance, and are available in nearly 500 brands. E-cigarettes have a plastic tube, an electronic heating component, and a cartridge with the liquid solution. A sensor in the device detects airflow, activating the heating device, which vaporizes the liquid into an aerosol that is inhaled.

Safety concerns exist about possible health risks posed by inhalation of the e-cigarette vapors and the potential for explosions and fires caused by the devices. In recent years, injuries caused by e-cigarette explosions have been reported by the media, but the number of e-cigarette users continues to increase.

“The General Practice Residency and Oral and Maxillofacial Surgery residents were involved in caring for a young patient in his early twenties who suffered from injuries due to an e-cigarette explosion,” said Maricelle Abayon, DDS MS, assistant program director, General Practice Residency. “He sustained injuries to his teeth, and burns and lacerations in his oral and peri-oral tissues. The

dental trauma caused the avulsion of one of his anterior teeth, and the fracture and intrusion of two other anterior teeth.”

The residents and their attendings provided immediate care to stabilize his oral condition. The patient was then referred to his primary dentist for long-term dental care.

“Following this, the EIOH team took some steps to increase awareness about the potential dental and oral injuries that e-cigarettes may cause their users,” said Sharon Elad, DMD MSc, chair, EIOH’s Oral Medicine Department and clinical chief for Hospital General Dentistry at Strong Memorial Hospital. “Despite e-cigarette popularity, the dental and medical literature had sparse reports on cases of dental and oral injuries sustained from e-cigarette explosion.

We published a report of this case in the *Journal of Oral and Maxillofacial Surgery* with Dr. James Roger as the primary author. To our knowledge, our team was the first to report on such a case in the dental literature.”

Antonia Kolokythas, DMD, chair of OMFS Department at EIOH said that “the full extent of the health risk is yet to be determined. Another publication recently confirmed our view.”

The team from GPR, Oral Medicine and OMFS presented the clinical experience, the documented cases in the media, the available literature about long-term complications, and the current national and world health organization’s statements on e-cigarette use during a recent GPR Grand Rounds presentation at Eastman Institute for Oral Health.



Many safety concerns surround the increasingly popular E-cigarette.



Dr. Adela Planerova (MS '16 GPR '16, GenDen '14) of Prague, Czech Republic is assistant professor and Dental Site director at UR Medicine's new Complex Care Center. Dr. Planerova received her DDS degree from Charles University, Prague, her MS degree from Simon Business School, University of Rochester. She completed the AEGD program while completing a two-year postdoctoral program in Pediatric Dentistry, Public Health, Dental Hygiene, and General Dentistry. She has published a book chapter, served as an investigator in multiple research projects and has presented locally and nationally.



Oral and Maxillofacial surgeon **Dr. John S. Vorrasi**, native of Rochester, NY, joined EIOH as an assistant professor. He received his DDS from the University of Buffalo and completed his Oral and Maxillofacial Surgery residency at the University of Maryland Medical Center. Previously, he served as the program director for Oral and Maxillofacial Surgery and associate director of Research and Simulation Training at the Christiana Care Health System. Dr. Vorrasi has an extensive research background, serves as a reviewer for the *Oral Surgery Journal*, and is a diplomate of the American Board of Oral and Maxillofacial Surgeons.



Dr. Konstantina Tzouma (GPR '16, GenDen '15) of Thessaloniki, Greece, joined as an assistant professor. She received her DDS from Aristotle University of Thessaloniki and entered into private practice. At NYU, Dr. Tzouma completed an Advanced Program for International Dentists in Endodontics and a Clinical Assistant Fellowship in Comprehensive Dentistry. She is currently researching the success of endodontic treatments performed during the AEGD residency program. Dr. Tzouma will provide endodontic training, clinical care and supervision in three EIOH clinics.



Dr. Isamar Rivera Ramos (Pedo '16, PhD '15, GenDen '13, MS '10), of Trujillo Alto, Puerto Rico is an assistant professor. She earned her DMD from the University of Puerto Rico in San Juan, and MS and PhD in Microbiology and Immunology from the UR. She completed residencies in Advanced Education in General Dentistry and Pediatric Dentistry at EIOH. A member of the American Academy of Pediatric Dentistry, she has published several papers and has presented her research nationally. Dr. Rivera Ramos will serve in EIOH's Pediatric and community outreach clinics and continue her research on *S. mutans*.

Antonia Kolokythas, DDS, MSc, has been appointed chair of Oral and Maxillofacial Surgery at Eastman Institute for Oral Health.

She joins EIOH from the University of Illinois at Chicago's College of Dentistry, where she worked since 2009, most recently as an associate professor, program director, and director of research in the Department of Oral and Maxillofacial Surgery.

After earning her dental degree at the University of Thessaloniki in her native Greece, she earned a certificate in Oral and Maxillofacial Surgery at the University of Illinois at Chicago, followed by two Fellowships in Maxillofacial Oncology at the University of Maryland at Baltimore and the University of California at San Francisco. Additionally, she earned her U.S. dental degree and a master of science in Oral Science from the University of Illinois at Chicago.

She has published extensively in peer-reviewed journals, including a recent publication with other EIOH faculty, and has presented around the world, primarily in the various aspects of oral cancer. She is active in regional and national professional organizations, and serves as editor for *Oral and Maxillofacial Surgery Clinics of North America* and *Pediatric Oral and Maxillofacial Pathology*. She also serves on the editorial boards of the *Journal of Oral and Maxillofacial Surgery Research* and the *Journal of Oral and Maxillofacial Surgery Cases*.

"Since she joined Eastman Institute, there has been an improved collaboration and interdisciplinary approach to treatment, an increase in the number of patients, including complicated head and neck cancer cases," said Eli Eliav, DMD, PhD, EIOH director, "as well as the recruitment of a new faculty member."

Dr. Kolokythas also brings an enthusiastic drive and desire to guide residents' success, ensure patient satisfaction and pursue excellence with patient care, education and research, Dr. Eliav added.

Dr. Kolokythas earned the 2014 Faculty Research Award and the DuBrul Faculty Achievement Award at the University of Illinois at Chicago's College of Dentistry, and was named one of the Top 25 Women in Dentistry in Dental Products Report. She also earned the Faculty Education Development Award from the Oral and Maxillofacial Surgeons Foundation.



From Eastman Paris

Eastman Paris wishes you
a happy 100th anniversary!

Dr. Thieu-Duong LE-NGUYEN, MD
Director, George Eastman Institute
Paris, France



Two of Eastman's Finest Retire



Dr. Ali Bahreman's grateful colleagues in Iran had a bust made in his honor.

Dr. Ali Bahreman, known for his many accomplishments and contributions to dentistry, teaching and patient care during his 50+ year career, is retiring.

After graduating as the top student from Tehran University Dental School, he came to Eastman for a Pediatric Dentistry Fellowship in 1964 and completed his Specialty in Orthodontics and Dentofacial Orthopedic training, combined with a master's degree in 1967.

As the first American-trained orthodontist in Iran, Dr. Bahreman started his accomplished career there, at Shahid Beheshti University Dental School, where he was recently honored during the school's 50th anniversary celebration.

In Tehran he served in four major roles at the same time: as chair and founder of both the Orthodontics and Pediatric Dentistry Departments, as associate dean in Education, and as editor and founder of the school's journal. Later, he became Dean of the same school where he successfully presented a complete curriculum of post-graduate dental education to the Ministry of Higher Education and started postgraduate training in different dental specialties including orthodontics for the first time in Iran.

Besides all University responsibilities and a very busy private practice for more than 32 years in Iran, Dr. Bahreman also served on many committees of the Ministry of Health,

Ministry of Higher Education, Iranian Medical Counsel, Iranian Dental Association and the Academy of Medicine of Iran. In addition, Dr. Bahreman also started the foundation of Iranian Orthodontic Association and was its first president.

Dr. Bahreman received several awards and medals during his time as a student and faculty member, including a first degree of scientific medal as the top graduate from dental school, Honorary Doctoral, and the highest research medal from University of Shahid Beheshti school of Medical Science.

In 1999, Dr. Bahreman began serving as a visiting professor at EIOH, spending three months in New York, and then three months in Iran. He continued that pattern until 2003, when he stayed in Rochester and served as a full time professor, teaching and supervising patients in Pediatric Dentistry, Orthodontics and General Dentistry.

His textbook, *Early Age Orthodontic Treatment*, was published in 2013 and has been translated in South Korean and Japanese. He has a long list of awards, medals and recognitions from his peers in both Iran and the U.S. He recently received a gold pin from the American Association of Orthodontics in recognition of his 50 years of service. EIOH Director Dr. Eliav bestowed the Director's Award on him at the 2016 Convocation Ceremony and in 2010 was awarded the Iranpour Award for Excellence in Education.

"Dr. Bahreman is an example of dedication and love to the art of dentistry, teaching and patient care," said Abraham Caroci, DMD, MSc, (Pedo '16). "He is extremely sharp, eager to share his knowledge, compassionate, very witty and charming. He treats every patient with full devotion and makes patients feel important and special."

Linda Feruzza, administrator for EIOH Orthodontics, says Dr. Bahreman "is sincere and compassionate about the children in need of early treatment, and always has a sense of urgency about their treatment."

Dr. Morvarid Aletomeh (Pedo '16) said she is very fortunate to have been a student of Dr. Bahreman, who she describes as a perfectionist. "His memory is exceptional, his patience chairside is unlike any other and his dedication to us and patients unique," she said. "Not only has he been instrumental in bringing the field of dentofacial orthopedics into our pediatric curriculum, but he has been an invaluable mentor in my path."

It all started in the spring of 1964, when, as a 17 year-old high school student dressed in her suit, pill box hat, gloves, and high heels, **Clare Shaffer**, RDH, MS, walked into the Eastman Dental Dispensary to interview for a student position in the Eastman School for Dental Hygiene.

Clare was accepted and became one of the students who went to both institutions during the transition of moving the program to MCC, thus giving students more career and advancement opportunities.

“We did our clinical coursework at the Eastman Dental Center on Main Street, took our MCC classes on Alexander Street in the old East High School building, and our gym classes were held at the Jewish Community Center on University Avenue,” Clare recalled.

After working in private practice for a short time, Clare went back to school for a Bachelor of Science degree in Health Education with a goal of teaching dental hygiene. She got a job working for the Monroe County School Dental Health Program, whose office was coincidentally at the Eastman Dental Dispensary. She helped school children receive dental exams, cleanings, fluoride treatments and classroom education on oral health topics. In 1970, the County and City School Dental Health Programs merged, and all the staff became employees of the Eastman Dental Center.

“A short time later, I was hired as a Dental Health Educator in the Community Dentistry Department,” Clare explained, “where I was a project administrator on numerous community based service programs and research grants.”

Clare has seen many changes throughout the years. “In 1965, the number of residents at the Dispensary was 48 males and two females and they followed a traditional school calendar from September to June,” she said. “Today, we have over 100 residents and trainees, 50 percent of whom are female, and their programs follow a 12 month calendar year.

“New and better dental materials have evolved during my career,” she added, “I used to have to mix silver alloy pellets with mercury droplets to make an amalgam preparation. Today the delivery system is much safer and easier to prepare.”



Clare Shaffer at her retirement reception.

Before her retirement at the end of 2015, she served as an administrator for EIOH’s Office for Quality Improvement and Compliance, where she was the director of the Eastman Dental Center’s Infection Prevention and Control Program, Fire Safety coordinator, Risk Manager and Credentials coordinator.

“The absolute best one can say is that Clare Shaffer measures up to the very highest standards of professional and personal standards of excellence,” said Ron Billings, DDS, MSD, who worked closely with Clare throughout his career at Eastman, including his role as director. “I have been privileged to call Clare my friend, mentor and colleague for the past 32 years. Clare is the penultimate go-to person and was the rock of Community Dentistry during the years we worked together on many research projects.”

Clare’s next chapter includes travel, volunteering and education. “If you don’t keep learning, you stop, and I plan to keep learning as long as I can,” she said.

For the full story, visit Eastman Institute’s Word of Mouth news blog.

Expanding International Relations

E IOH Pediatric Dentist and Assistant Professor **Dr. Erin Shope** recently spent a month in Krakow, Poland, where she taught and lectured at Jagiellonian University to local and visiting Norwegian dental students. During her visit, she met Dr. Jessical Morrison a URM pediatrician and faculty member, and several Polish medical students who will be coming to Rochester for their residency in pediatrics this year. The URM Neurology department has had a very long relationship with Jagiellonian University, teaching at the American Style medical school.

Dr. Shope and her host, pediatric dentist and endodontist Dr. Joanna Slowik also traveled to Toulouse, France where she met with members of the craniofacial team from Toulouse University. While there, she gave a lecture on Nasoalveolar Molding (NAM) to the craniofacial team and some of the dental faculty and residents.

“It was really interesting to see how their team treats cleft lip and palate similarly and also differently,” Dr. Shope said. “Both teams have the patient’s best interest in mind and have the same ultimate goals of good outcomes. However, the timing and main goals of the appliances we make are completely different.”

For example, Dr. Shope’s main goal using the NAM is to prepare the baby for surgery and mold the cleft into a less severe form with an added benefit of improved feeding.

“The main goal of the appliance made in France is to help with feeding post-operatively,” Dr. Shope said. “We both perform many of the same procedures - fabricating custom impression trays for newborns with cleft, impressions on newborn babies and infants, and fabrication of appliances which help with feeding and potentially molding.”

Timelines for the surgical correction of cleft lip and palate were also very different between the EIOH team and the Toulouse team. “Lip closure surgery is typically between age 3 and 5 months with pre-surgical infant orthopedics like the NAM being completed before surgery,” she explained. “After the surgery, our patients do not wear an appliance and typically feed well post-operatively. The craniofacial team in France completes their lip closure surgery within the first two weeks of life. Instead, they have the baby



Dr. Erin Shope (right) and Dr. Joanna Slowik.

wear an obturator after the lip closure surgery to help with feeding and possibly guiding the baby’s growth.

“We’re very excited about developing a long lasting relationship with the dental school in Krakow to help improve dental education and treatment in both centers,” Dr. Shope added. “Dr. Slowik has visited Rochester several times, including last summer for two months. She is really working to improve the pediatric dentistry training at her home university and she is basing her changes on our education system and program in Rochester.” Additionally, a periodontist from Krakow, Dr. Maria Chomyszyn-Gajewska, recently visited Rochester for a month and an orthodontist will be visiting Eastman Institute in the fall.

Advancement Updates

Dr. Handelman Honored



The 22nd Annual Handelman Conference, was marked by a celebration that honored Dr. Handelman and his many contributions to EIOH. A successful fundraising effort for the Dr. Stanley Handelman Fellowship fund was also part of the celebration. The Handelman fund supports a General Dentistry resident that has a particular interest in clinical, academic, administrative or research work, with a focus on graduate studies and developing leadership skills in postdoctoral programs. More than \$50,000 was added to the fund since February, securing Dr. Handelman's legacy in perpetuity.

A plaque, which was presented to Dr. Handelman and will be displayed in General Dentistry, reads:

The Eastman Institute for Oral Health is deeply grateful to Dr. Handelman for his inspirational legacy of philanthropy, and for the generosity of other donors, friends, and alumni to this enduring fellowship fund that will continue to help shape the future of General Dentistry.

Protecting your sensitive information is a high priority. To make a gift in honor of Dr. Handelman by credit card in the most secure way, please visit: www.giveto.urmc.edu/eioh or call (800) 333-4428 toll free. You may also mail gifts to: Alumni and Advancement Center, Attn: EIOH, PO Box 278996, Rochester, NY 14627.

"The success of my mentorship is exemplified by the many achievements of my former students rising to distinction by becoming deans, associate deans, chairs of departments, and directors of dental research institutions. My progeny have bested me."

~ Dr. Stanley Handelman

General Dentistry Faculty, 1957 – 1994; Chair, 1970 – 1994

The Meliora Challenge Completed Successfully

The successful conclusion of The Meliora Challenge is unprecedented in the life of the University of Rochester. The Campaign, with a goal of \$1.2 billion, will further our efforts to educate 21st-century leaders and embodies the University's mission of "learn, discover, heal, create—and make the world ever better." The Campaign ended on June 30, 2016 and many EIOH faculty, alumni, friends and patients, as well as members of our community, helped ensure that Eastman met its portion of the overall goal. The success, excitement and momentum of the campaign couldn't come at a better time as EIOH marks the Centennial Celebration. Together, all of our hard work during the Meliora Challenge will spring-board us into a successful Centennial Celebration which includes many events and initiatives through 2017.

For additional information on ways to give and to learn more about our fundraising needs and how you can make an impact, please email us at: eioh@alumni.rochester.edu.



Siri Baker joined UR as an Associate Director of Advancement. She works on behalf of both Eastman Institute for Oral Health and the School of Nursing. Siri previously managed the annual fund and raised major gifts at Columbia University's Journalism School. Siri

holds a BA in English from Saint Olaf College and an MS in Fundraising Management from Columbia University.

Eastman Institute extends its deep appreciation to G. Robert Witmer, Jr. ('59) and Bruce Bates, who are the longest serving members on the Eastman Dental Foundation Board. Their insight and contributions have proved invaluable throughout the many transitions Eastman Institute has undertaken over the last 40 years.



Bob Witmer initially joined the Eastman Dental Center Board in 1976, and continued to serve on the newly formed Eastman Dental Center Foundation Board when Eastman merged with UR in 1997. He served as Foundation Board president from 1989 -90.



Board members, particularly Lou Langie. The merger has provided financial and programmatic support for our efforts. Under the new name of the Eastman Institute for Oral Health and the leadership of Dr. Cyril Meyerowitz and now Dr. Eli Eliav, the Institute is an integral part of the University of Rochester Medical Center. I am convinced that it is now fulfilling, as never before, the original vision of George Eastman when he helped found the School of Medicine and Dentistry at the University.

Q

As we celebrate our Centennial year, what is your hope for Eastman for the future?

A

I think that we are nicely positioned to participate fully in exercising a leadership role in the basic and clinical research, the teaching and the delivery of clinical care in the field of oral health. Our graduates continue to come from all over the world. I recently attended the Institute's Graduation Ceremony and was very impressed with both the caliber and diversity of the students, many of whom will return to their home countries and further enhance the reputation of Eastman.

Q

Why did you initially join, and why have you continued to serve for so many years?

A

I joined the EDC Board because it represented an important part of the rich history of Rochester, and was not only fulfilling the mission of community service as envisioned by George Eastman, but it also was fulfilling a national and international leadership role in the field of dentistry.

Q

You've seen many changes over the years at Eastman. In your opinion, what has been the most significant and why?

A

The most significant change was the affiliation with the University of Rochester, and ultimately the merger with the University. This effort was led by Eastman Director Dr. Ron Billings and Board Chair Bill Springer with the able assistance of many

Q

Share something about yourself most people don't know.

A

I think that most people know that I chaired the U of R Board of Trustees and led the search that resulted in Joel Seligman becoming the 10th President of the University. What they may not know is that I play the euphonium horn in the Rochester New Horizon Band and in a tuba/euphonium ensemble. My wife Nancy and I have four children. Two are M.D.s- one in Rochester and one in Philadelphia; another is an actuary in Zurich and the fourth is a college professor in Anchorage, Alaska. They and our seven grandchildren give us an excuse to travel to some neat places. I was President of the New York State Bar Association. I also represented the National Wildlife Association in obtaining an injunction against Secretary of the Interior James Watt, and at another time I represented the New York State Bar Association in obtaining an injunction against Attorney General Janet Reno.

Q You've seen many changes over the years at Eastman. What has been the most significant and why?

A The most significant change has been when we went out into the bigger dental community and recruited several top notch dental authorities who joined the Board and began to take a close look at different areas of the operation with the purpose of identifying strengths and opportunities for improvement. The Board now has a good representation of various professions including clinical, financial, research, and education who together provide a well-balanced perspective.

Another significant change was when the Board agreed to relinquish the responsibility of managing the assets and placing it in the capable hands of the U of R's investment committee. That was a decision for which we can be very proud.

Q As we celebrate our Centennial year, what is your hope for Eastman for the future?

A I hope that 25 years from now, dentistry will be considered an important enough part of physical anatomy to be included in insurance programs, including Medicare.

Q Share something about yourself that most people don't know.

A I love to fish and travel. Some of my favorite places I've traveled include Africa, Norway, Moscow, Australia, New Zealand, Alaska, Norway and Antarctica! I have a son, age 60 and a daughter, age 58, and they each have three children.

Bruce Bates, who is Treasurer of the EDC Foundation Board, and previously served as Secretary, also joined the Board some 40 years ago. Mr. Bates, age 85, is no stranger to community service, having served on several Boards for more than 30 years, including RIT, RGH, George Eastman Museum, and the American Red Cross. After he earned his bachelor's degree in Engineering at Yale, a master's from MIT in Industrial Administration, his first job was a shift foreman at Proctor and Gamble, overseeing the packaging of a million pounds of Crisco in cans.



He later began entry level work in the financial consulting business for his father-in-law and never left. After 58 years as a financial advisor, he retired. His office never moved, but the name of his employer did, starting out as Smith Barney and ending as Morgan Stanley, with many acquisitions in between.



Eastman Dental Foundation Board

Standing l to r – Dr. Robert Bray, Mr. Roger Friedlander, Mr. G. Robert Witmer, Jr., Dr. Rob Quivey, Jr., Dr. Antonio Bello, Dr. Jack Caton, Dr. Bruce Tandy, Dr. Michael Grassi

Seated l to r – Dr. Mark Taubman, Mr. Jim Fulmer, Dr. Bill Calnon, Dr. Eli Eliaiv, Mr. William Passolt, Mr. John Buttrill, Mr. Bruce Bates (not shown Dr. Cecile Feldman, Dr. Christopher Fox, Dr. Bryan Frantz)



People from 17 countries attended the conference at Eastman.

Shaping Leaders is Focus of Prosthodontics Conference

“It was a great experience to interact with other prosthodontics colleagues and private practitioners from all over the world,” said Dr. Konstantinos Chochlidakis, director of the Prosthodontic Clinic at Eastman Institute. “We learned new skills and capabilities for excelling in leadership situations.”

Dr. Chochlidakis joined more than 20 established prosthodontists from 17 countries and four continents at UR Medicine’s Eastman Institute for Oral Health for the third annual Future Leaders in Prosthodontics (FLIP) conference. The conference was held in association with the Academy of Prosthodontics and centered on promoting leadership and organizational skills within an academic environment, while celebrating accomplishments.

“Often, dentists attend conferences on topics such as surgery, but this conference was related to the many nuances of leadership, such as resolving conflicts, role playing, and negotiation,” explained Dr. Carlo Ercoli, chairman and program director of the EIOH Prosthodontic Department.

Faculty at Eastman Institute nominated three prosthodontic alumni to attend: Drs. Konstantinos Chochlidakis (Prosthodontics ‘13), Erna Einarsson (Prosthodontics ‘16), who is teaching and in private practice in her native

Iceland, and Evan Rosen (Prosthodontics ‘13), a maxillofacial prosthodontist at Memorial Sloan Kettering Cancer Center. For two days, participants attended workshops and presentations about leader-follower strategies, negotiations, team building, working with corporate entities, and career planning.

“I especially enjoyed the lectures and the active learning techniques,” added Dr. Chochlidakis, “I’ve already applied what I’ve learned, and it will continue to guide me to be more effective as a leader.”

“Unfortunately, these types of skills are not thought of at the school level,” added Dr. Ercoli. “We teach the nitty-gritty about the literature and clinical trials, but we don’t teach doctors about interacting with their dean or being resilient in an academic institution.”

Conference organizers Dr. Sreenivas Koka and Gary Smith are graduates of the Sloan School of Management of the Massachusetts Institute of Technology. Lecturers included Dr. Ercoli, Colonel James Taylor, Forest Cottrell, Dr. Limor Avivi-Arber, and Johnathan Wiens.

The 2017 Future Leaders in Prosthodontics conference will be held in London, England and the University of Mississippi in 2018.

Training Young Dentists Now and Later

"WHEN I FIRST BEGAN MY CAREER in dentistry, I focused only on treating patients, but soon I began teaching and doing research at the Eastman Institute for Oral Health because I wanted to do more. Decades later, my wife, Nancy, and I helped raise funds for a fellowship to support a prosthodontic graduate resident in perpetuity—so, in a way, we'll be helping to train young dentists forever. We also established a charitable remainder unitrust that will ultimately support the prosthodontic program. In the meantime, that unitrust, which is invested in the University's endowment, provides us some income during our retirement. As the fund grows, our retirement income and estate gift grow with it, enabling us to do more now *and* later. For us, the endowment felt like the right place to put a portion of our money."

— *Gerald N. Graser, DDS, MS, '72D (Pdc), '75D (MS). Dr. Graser is pictured with his wife, Nancy, at the Eastman Institute for Oral Health, where Dr. Graser served as chair of the prosthodontic division for three decades and currently is professor emeritus, teaching part time. The Grasers are Founding Members of the Wilson Society.*



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UNIVERSITY of ROCHESTER





Dr. YanFang Ren (left) and Dr. Carlo Ercoli earned the Iranpour Award.

Story about True Leadership Shared at Graduation

This year's convocation ceremony honored Dr. Bejan Iranpour who passed away in February. While most of the new graduates had never met Dr. Iranpour, the speakers paying tribute described the essence of a man who not only made an indelible impact on their lives, but conveyed how his exceptional qualities and characteristics are worth aspiring to.

Each year, it is considered a tremendous honor to win the Bejan Iranpour Excellence in Clinical Education award. The former chair of Eastman's Oral and Maxillofacial Surgery Department was widely known for his global leadership in the field, as a superb clinician, teacher and scientist, and his especially kind and thoughtful nature. This year, Drs. YanFang Ren and Carlo Ercoli received the award.

Following is an excerpt from Dr. Ercoli's remarks, whose time with Dr. Iranpour and his other mentors were life changing.

I had just arrived in Rochester from Italy and my nickname was "Please repeat..." English was a riddle (and at times still is). I did not have a car, I went around on a bicycle and changed from my sports clothes into pants and tie in the bathroom. I had no friends yet and to put it plainly, I was lost.

In the clinic, I did not quite understand the other residents and especially some of the faculty. One day, Dr. Graser came to me and told me that as part of my requirements, I had to shadow Dr. Bejan Iranpour at Genesee Hospital. I had no idea who this person was. I rode my bicycle, changed, and reported to the Dental Dept. Dr. Iranpour greeted me, showed me some x-rays of an orthognathic surgery patient, and said, "Time to go, follow me." We went to where the patient was waiting and Bejan began, "Mr. John, let me introduce you to Dr. Ercoli. Dr. Ercoli and I have reviewed your films and your case, so let me tell you what Dr. Ercoli and I will be doing today. Dr. Ercoli and I will be doing this and that and Dr. Ercoli and I will be waiting for you in the recovery room..." I began to panic because I thought that he was actually

expecting me to participate with him in the surgery. I started silently cursing Dr. Graser. Why did he send me here? I don't even know which side of the scalpel is the sharp one, and he is expecting me to participate in an orthognathic surgery case?

But then it dawned on me.

Bejan was a gentleman, in the real sense of the word. I realized I was not going to do anything, I was not even going to touch the patient, but he wanted to include me in the process, to make me feel important in front of the patient. He wanted to give the impression that I was part of the team, one of them. Here I was with a stranger, someone I had met 30 minutes before and he treated me like others never did. He was being a teacher, a mentor, a gentleman, a role model and a leader--a natural Bejan. A light bulb went off in my head, and I said to myself: I want to be just like this guy!

Dr. Bejan Iranpour was able to leave a footprint in our lives, in the life of this institution, of his specialty and of

dentistry, much larger than many others could ever aspire to do, a mark that has impacted many other individuals, who I consider my mentors and friends. Individuals such as Dr. Jerry Graser, a person who, while not understanding a word I said for the first two years in Rochester, trusted me with the opportunity of a lifetime to pursue my dreams of an academic career, who after mentoring me as a prosthodontist, never once failed to support me in anything I did, never stopped caring for the department and for Eastman. He never stopped being present in our lives and continues to be a gentleman much like Bejan has been.

Dr. Ross Tallents accepted me into his program and opened my eyes about many things that I will never forget. Dr. Jack Caton, who accepted me in Perio, allowed me to study under his guidance and when times got tough, when every other person would have likely left me hanging, showed the leadership and courage to stick with me and do what was right, rather than what was easy. Dr. Cyril

Meyerowitz taught me how to behave and navigate in a larger reality such as the medical center and university.

These are people and actions that I will never forget. Tonight presents us with a chance to reflect on the life that is behind us, on the prospects that lie ahead and on the people who made it all possible-- individuals who made you the person you are today, and the teacher we all aspire to be.

I wish you every success in your careers, your professional achievement, and healthy and loving lives with your families. But please remember to give back--not only to the institution that you are an integral part of and about to graduate from, but most importantly, give back to whoever is in need. Give back to your peers, to your patients, give back to society, in any way you think best, but please do.

In this way, we will all honor Bejan, an accomplished professional, a remarkable human being, a leader, and a gentleman who gave his all to all of us, lovingly.



Dr. Lee Pollan, who gave the Commencement Address and a touching tribute to Dr. Iranpour, accepts a gift from Dr. Eliav.



General Dentistry Preceptor graduates (l to r) Drs. Kalyan Kondreddi, Goutom Bhowmick, and Sandeep Pasumarthy, with Dr. Hans Malmström.



Dr. Michelle Chan (GenDen '16) with her family.



Jane DeVries, left, helped present Shari Feder and Lisa Lord (right) the Shaffer-DeVries Award.



Dr. Adela Planerova (right) and Dr. Pakhshan Ghaderi received the NYS Dental Foundation Deans Award from Dr. Andrew Vorrasi.



Dr. Lauren Vitkus (Ortho '16) (second one in from left) with her sister Karen, mother Suzanne, and sister Dianne.



Dr. Harrison Siu (GPR '16) with his parents.



Dr. Andriana Dhumova received the Stanley L. Handelman Award from Dr. Hans Malmström.



The graduating Pediatric residents gave Dr. Ali Bahreman a Faculty Appreciation Award. He also was given the Director's Award.



Dr. Julian Kahn, pictured here with his son, was given the Part-time Faculty Award.



(l to r) Drs. Gabriela Carranza, Hamid Tofighi, Konstantina Tzouma, Bharathi Gorantla

Rochester Section of the American Association for Dental Research Scientific Merit Awards



Dr. Sharath Chedella (center), with Drs. Graser and Ercoli, earned the Gerald N. Graser Award for Clinical Excellence.



Basil B. Bibby Fellowship Awardees include Dr. Alejandro Sanchez (left), Dr. Ke Shang, and Dr. Armando Uribe-Rivera, shown here with Dr. Eliav.



Dr. Takamitsu Maruyama (left) and Dr. Jordan Hester earned the Basil G. Bibby Award, given by Dr. Dorota Kopycka-Kedzierawski and Dr. Eliav.



Dr. Benjamin Cross won the William H. Bowen Competition



Dr. Chris Kovacs won the Michael G. Buonocore Award



Dr. David Fraser won the Michael G. Buonocore Award

Momentum met with Christopher B. Raimy, University of Rochester's executive director of Gift Planning to learn more about the positive changes made for those who want to consider making a donation from their IRA.



What's the biggest change and what's the impact?

Late last year a new law --Protecting Americans from Tax Hikes (PATH) has made permanent and clear what is popularly known as the IRA charitable rollover.

Before, the opportunity to make a direct transfer from an IRA had generally been available to those over age 70 ½, but it expired annually and was subject to Congressional votes.

Now, people age 70 ½ and older can take advantage of this special opportunity to make a direct transfer from a traditional IRA to the Eastman Institute for Oral Health. The transfer counts toward the account holder's required minimum distribution. The maximum distribution is \$100,000 each year, per person during any tax year. A married couple with separate IRAs may give up to \$200,000 per year.

What are the tax implications or other fees if the person makes a transfer to a charitable organization?

Prior to the IRA Charitable Rollover, the only way to pass retirement assets tax-free was to name Eastman Institute for Oral Health as a beneficiary of the account upon their passing.

This new law simply makes it possible to enjoy a tax-free transfer during life and for Eastman to put a gift to work immediately.

Has anything changed regarding making a gift in one's will?

Friends may also name Eastman a future beneficiary of their IRA by completing a beneficiary designation form with their account manager.

Do you recommend this approach for anyone considering making a gift?

Making gifts directly from an IRA is very popular and many of our generous friends appreciate that their gift can be deployed 100 percent for the charitable purpose that they intend. The funds grow in a tax-free IRA account and can now be distributed completely free of tax. We always recommend consulting your tax advisor about the applicability of these principles to each donor's personal situation. The gift must be outright. Transfers to donor-advised funds, supporting organizations, private foundations, charitable remainder trusts and charitable gift annuities do not qualify.

Can people make a transfer from a plan other than an IRA?

It's important to note that distributions can be made only from

a traditional or Roth IRA. It may be possible to use other retirement plans, such as 401(k) or 403(b) plans, however, they must first be transferred to an IRA.

The transfer to a qualified charity is tax-free and is not included in adjusted gross income (AGI), thus there is no charitable deduction. A transfer is not subject to the 50% of AGI limitation on charitable deductions. This maybe of interest to generous individuals who may have already maximized their charitable deductions for the year but would still like to make an additional gift, or those who don't itemize on their taxes.

Sounds like a win-win for donor and recipient. How does one make an IRA Charitable Rollover gift?

Simply contact the manager of your IRA and explain that you would like to make a direct charitable transfer to Eastman. You can satisfy an existing pledge or make a new gift. Gifts to new or existing endowment funds, capital projects or annual funds are all eligible. For further guidance or more information you can visit our website at www.rochester.giftplans.org



Dr. Mario F. Romero

(GenDen '13) received the Dental College of Georgia at AU 2016 Outstanding Faculty Award.

Dr. Romero (right) with DCG Vice Dean Dr. Kevin Frazier

Dr. Todd Lerner

(Prosthodontics '91) was named President of the Greater New York Academy of Prosthodontics.



EIOH Director Emeritus **Dr. Cyril Meyerowitz** visited the University of the Witwatersrand in Johannesburg, South Africa late last year as a Carnegie/Alumnus Fellow to help the institution improve its research and scholarship and to explore opportunities for collaboration. He met with leadership, faculty and students from its School of Oral Health Sciences and the Faculty of Health Sciences in informal and formal settings. He gave a number of lectures and led seminars on topics including practice-based research, grant writing and scholarship and dental education. The visit has led to beginning efforts for student and faculty exchange and research collaboration.

Dr. Meyerowitz with Dr. Molepo (left) and Professor Hlongwa



Dr. Buddhi M. Shrestha, (MA '70, PhD '80), received the Myron Allukian Jr. Lifetime Achievement Award of the American Association of Community Dentistry Programs (AACDP) for outstanding lifetime achievement in community programs to improve oral health. Recipients of the award must have demonstrated outstanding contributions in community dental programs to improve oral health and have shown distinguished leadership in promoting community dental programs at the local, state, or national level. Dr. Shrestha, a member of the Anthony L. Jordan Health Center Board of Directors and former Director of Eastman Dental Center's Community Dentistry Program, is the first recipient of this national award from Upstate NY.

Dr. Geoffrey Sperber, (MS '61) Emeritus Professor of the University of Alberta and Visiting Professor of the U of R, presented research on "The Etiopathogenesis of Craniofacial Anomalies" for the EIOH Research Seminar Series. Dr. Sperber's 60 years in dentistry has led to the publication of six books and over 100 combined book chapters and scientific articles.

Dr. Sperber (left) with Dr. Rossouw



Takamitsu Maruymama, PhD, was awarded a 2016 American Society for Bone and Mineral Research's Harold M. Frost Young Investigator Award.



Bethany Lindsey, a Lead Patient Services Representative in Eastman Dental's Pediatric Dentistry Department, won the University of Rochester Medical Center Board Excellence Award.

Dr. Erik R. Rooklidge, (Pedodontics '03) of Dentistry for Children in Sandy, Utah, was voted Utah's Most Professional Children's Dentist. He and colleague **Dr. Tyler Reading**, (Pedodontics '08) received The People's Choice Award for Dentistry for Children.



Dr. Lisa DeLucia Bruno won the Young Alumni Award from the University of Buffalo at NY.

Dr. Izchak Barzilay (Prosthodontics '86, MS '91) was named Chief Examiner in Prosthodontics of the Royal College of Dentists of Canada.



Dr. Antonia Kolokythas and **Dr. James Roger** (OMFS '16) presented IP3 Receptor Expression is Altered in Irradiated Submandibular Glands at the American Academy of Craniomaxillofacial Surgeons Annual Meeting in May 2016.

Dr. Carlo Ercoli (TMJ '97 Prosthodontics '97 Periodontics '12) was named Executive Council Director of the Academy of Prosthodontics, the oldest Prosthodontic organization in the world.



Eastman Institute in Sweden celebrates its 80th anniversary
(l to r) Carina Rönqvist, Margaret Grindefjord, Britt Hedenberg Magnusson, Eli Eliav, Carina Krüger Weiner, Jan-Ivan Smedberg, Leif Jansson, (not pictured - Åke Hammarlund)

EIOH Director **Dr. Eli Eliav** presented his research on chronic pain to The Israeli Dental Association in Tel-Aviv, Israel in late 2015 and to the Rambam Health Care System in Haifa, Israel in May. He presented his research about neuropathic orofacial pain mechanisms at the IAOMR Conference in Hyderabad, India in December, 2015, and about chronic orofacial pain at the University of Alberta in February, 2016.

Dr. Tatyana Baranovsky (GenDen '13, Prosthodontics '16) won the Granger Prudent Memorial Award from the Northeastern Gnathological Society.

Drs. Eli Eliav, YanFang Ren, Cyril Meyerowitz, and Sharon Elad presented at the Three Continents Oral Medicine Conference at Peking University in Beijing, China in October, 2015.

Dr. William Bowen, Professor Emeritus of Microbiology & Immunology in the Center for Oral Biology and Environmental Medicine, was elected as an Inaugural Class Fellow of the American Association for Dental Research.

Drs. YanFang Ren, Carlo Ercoli, and Sean McLaren visited Yinchuan Stomatology Hospital to share their expertise about clinical practice, residency training and research at Yinchuan Stomatology Hospital in Ningxia, China.



Dr. Javier Cortes (GenDen '11 GPR '12) was appointed Clinical Lecturer at the Oral and Maxillofacial Surgery Department at the University of Michigan School of Dentistry.

Eastman Institute has expanded its teledentistry services to Watertown, NY, partnering with North Country Family Health Center to help its pediatric patients with severe tooth decay.



Last Spring, a special evening in Mexico took place, where Dr. Eli Eliav and Dr. Carlo Ercoli joined EIOH alumni and friends for dinner, reminiscing, and great discussions about EIOH's future.

Dr. Walter Li (Ortho '79) opened a new satellite office, called the Centre, in Hong Kong, employing 21 dentists who provide nine specialty services.



Dr. Sean McLaren (GPR '03, Pedo '06), who was recently named chair and program director of the EIOH Pediatric Dentistry Department, presented about severe Early Childhood Caries at a Pediatric Dentistry Conference in Yinchuan, China.

From Eastman Sweden

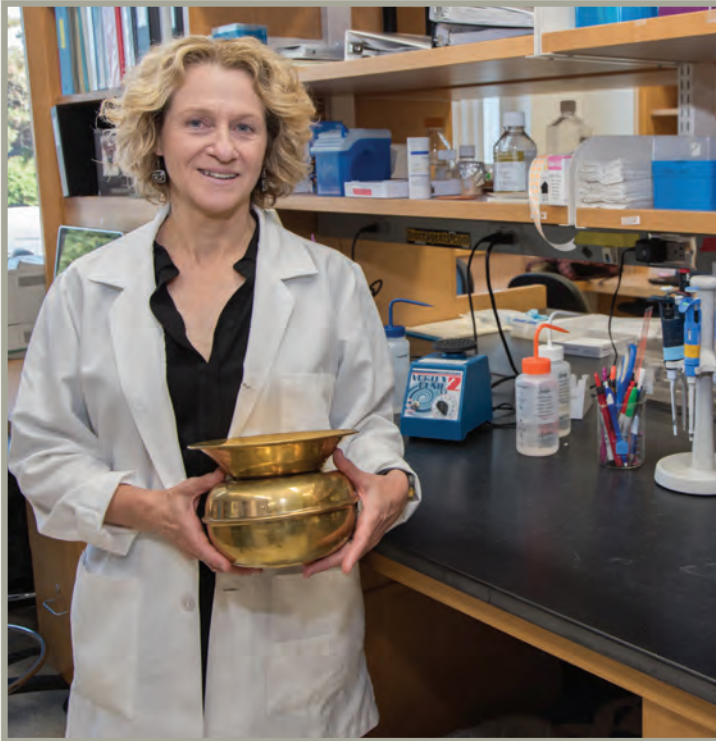
We want to congratulate the Institute of Eastman Rochester, to 100 years of successful performance in dental care.

We are so delighted to have the opportunity to participate at the 100 year celebration of Eastman Rochester and are honoured to be invited. As an institute, we see Eastman Rochester as one of the leading academy within research and education. I see our future collaborations as an important step to improve our skills and experience within research and development. We will-- with full enthusiasm and engagement-- contribute to make future collaborations successful.

*Best regards,
Susann Kähäri Anerfält, DDS, MBA of SSE
Director of Folk tandvården Eastmaninstitutet Stockholm*



Catherine Ovitt wins two awards



In her lab, Dr. Ovitt shows her trophy – an engraved bronze spittoon—for being named Salivary Researcher of the Year.

Members of the Salivary Research Group in the International Association for Dental Research have elected Catherine Ovitt, PhD, associate professor, in the Center for Oral Biology, EIOH, as the Salivary Researcher of the Year for 2016. The award recognizes the number of her publications, research funding, invited presentations and participation in conferences. The trophy – a bronze spittoon engraved with winners’ names—was presented at the annual IADR meeting in Seoul, South Korea, and is hers until it is passed along to next year’s winner.

She was also awarded a 2016 Innovation in Oral Care Award, along with co-investigator Vyacheslan Korshunov (CVRI) at the same IADR Conference for their proposal, “Localized Delivery of Amifostine to Enhance Salivary Gland Radioprotection.”

Dr. Ovitt was also recently invited to present her research at the Gordon Research Conference entitled “Tissue Niches & Resident Stem Cells in Adult Epithelia” in Hong Kong, in August.

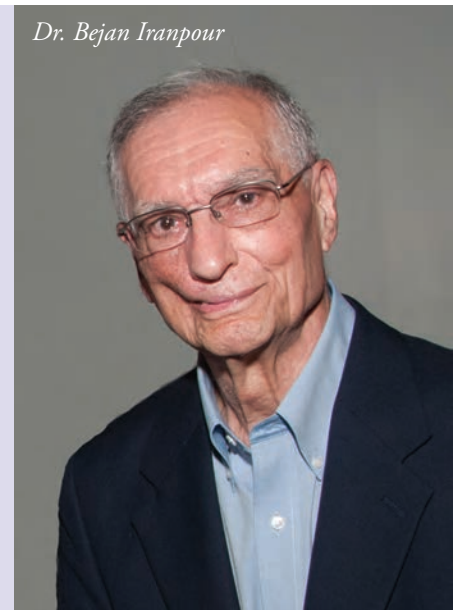
In Sympathy

Dr. Ken Ellwood, of England, passed away in late 2015. He won a scholarship to study for a year at the Eastman Dental Dispensary in 1954.

Dr. Bejan Iranpour (GenDen ’63, MS ’64) passed away Feb. 15. He served as chair of the Oral Surgery Department at Eastman Dental for 13 years. He continued to teach as an associate professor at Eastman Dental, The Genesee Hospital, and SUNY Buffalo for many years, while also maintaining a limited private practice.

Dr. Charles E. Whitmer, Jr (Ortho ’77) passed away March 1, 2016.

Dr. Bejan Iranpour





Andrew Thomas



Dr. Godinho with Ines.



Nefeli



Drs. Cortes-Botello and Villarreal hold their baby Ana Sofia.

Babies!

Dr. Joana Godinho (Ortho '07) welcomed baby Ines on February 26, 2016.

Dr. Lisa DeLucia and husband Mark Bruno welcomed son Andrew Thomas on February 3, 2016

Drs. Marianela Villarreal (Prosthodontics '10) and Jose "Paco" Cortes-Botello (Prosthodontics '08, Fellow '09). They both serve as assistant professors at University of Texas Health Science Center at San Antonio and he owns a private practice. They welcomed daughter Ana Sofia Cortes-Villarreal April 24.

Drs. Alexandra Tsigarida and Konstantinos Chochlidakis (Prosthodontics '13) welcomed daughter Nefeli on August 6.

Wedding

Dr. Erin Shope (Pediatrics '12) and Dr. Peter Creigh were married August 14, 2015.



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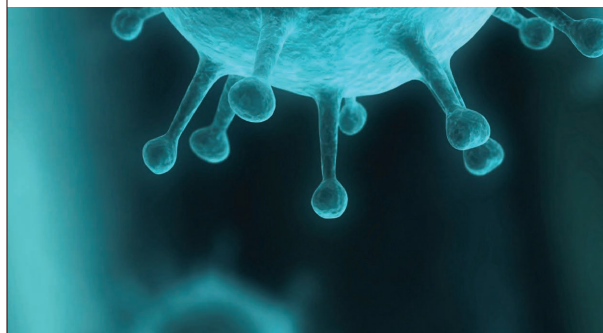
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Prosthodontics Alumni Reception at APS
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Early Spring 2017

Local Alumni Reception
Delray Beach, FL
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March 2017

EIOH Center for Oral Biology and Alumni
Reception at AADR Conference
San Francisco, CA

Early Spring 2017

Local Alumni Luncheon
Los Angeles, CA
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Early Spring 2017

Pediatric Dentistry Clinic Dedication
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Rochester, NY
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April 2017

Orthodontics Alumni Reception
at AAO Conference
San Diego, CA
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May 2017

Local Alumni Reception
New York City
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May 27, 2017

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