

MOMENTUM

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IN THE NEWS TELEDENTISTRY IN CHILDCARE



Dr. Dorota Kopycka-Kedzierawski



Dr. Ronald Billings

Drs. Dorota Kopycka-Kedzierawski, principal investigator, (PI) and Ronald Billings, (co-PI) were awarded an Aetna Foundation grant: "Teledentistry in Childcare-Reducing Oral Health Disparities in Young Children" in the amount of \$48,000.

The project is a collaborative effort with the "Health-e-Access" program led by Kenneth McConnochie, MD. The proposed electronic-oral-health-access

program (e-OHAccess) will complement the current Health-e-Access health services, which is already in place at local Head-Start Programs and overseen by pediatricians in the University's Department of Pediatrics. Dr. McConnochie has been using commercially available information technology to enable clinicians to evaluate and treat ill children at distant child care sites.

Integrating dental services with medical would help

continued on page 2

From The Director

Dear Alumni, Faculty, and Friends:

The past six months have flown by and we're already a quarter of the way into the 2004-2005 academic year.

This issue of Momentum highlights a number of happenings including faculty awards, appointments, and recruitment. We'll introduce you to researchers who have recently received grant funding.

We'll share our new Web look geared to student recruitment and alumni communication. Our alumni and friends have received a calendar/mousepad so you can keep us at your fingertips.

We have embarked on a number of new efforts as we continue to carry on George Eastman's tradition of providing care for the underserved in our commu-



Dr. Cyril Meyerowitz

nity. Two of those projects involve local dentists in our community outreach programs.

One initiative trains dentists to care for developmentally disabled patients in the operating room and the other allows us to treat more patients through our three SMILEmobiles and clinics at #17 School and the downtown location.

Our newly funded Dental Home for Children Project will use outreach

continued on page 2

DR. CATON TO BE RECOGNIZED AS A NATIONAL LEADER BY THE AMERICAN ACADEMY OF PERIODONTOLOGY (AAP)

The AAP Gold Medal Award will be presented to **Dr. Jack G. Caton, Jr.** in recognition of his outstanding contributions in the field of periodontal research, education, and service. Caton will receive the award during the 90th Annual Academy Meeting held this November in Florida.

Caton will also be honored with the Academy's Special Citation for co-chairing the 2003 Evidence-Based Workshop on Contemporary Science in Clinical Periodontics. His earlier honors include the William J. Gies Award in 1993 and an AAP Fellowship in 1995. He is a past president of the AAP and past chair of the American Board of Periodontology.

Caton received his dental degree from the University of California Dental School

and his periodontal specialty certificate from Eastman Dental Center in 1973. He also earned his M.S. degree from the University of Rochester School of Medicine & Dentistry in 1973. He has been on the Eastman faculty since 1973 and has served as division chair and program director since 1990. He and his graduate students have conducted research in periodontal wound healing, animal models, diagnosis, and human clinical trials. He has authored more than 80 publications; given over 190 major presentations worldwide; and served as principal investigator on many research grants.

Upon hearing of the award, Dr. Cyril Meyerowitz, professor and chair of the Department of Dentistry and director of

Eastman Dental Center said, "I am extremely pleased that the Academy has bestowed its highest honor on Jack Caton. He has given 100% to his role as educator and researcher over the past 31 years at Eastman. He is respected by residents and faculty and maintains a consistently high level of professionalism within our Periodontics Program as well as in the AAP and all his national affiliations."

Caton is a clinical professor in the Eastman Department of Dentistry and serves as program director and chair of the Division of Periodontology. His Web information is located at <http://www.urmc.rochester.edu/Dentistry/faculty/caton.cfm>

Caton currently serves as associate editor of the



Dr. Jack G. Caton, Jr.

Journal of Periodontology; commissioner on the Commission on Dental Accreditation (CODA); chair of the Periodontics Advisory Committee of CODA; and director of the American Academy of Periodontology Foundation Board.

TELEDENTISTRY IN CHILDCARE *continued from page 1*

to expand upon Dr. McConnochie's already successful program and would facilitate the development of an early intervention mechanism to reduce disparities and increase access to care for the underserved.

The project is a novel approach to help inner city families easily access the care they need for their children in childcare because its goal is to develop a new strategy for the prevention and early detection of early childhood caries (ECC).

ECC is an aggressive form of dental caries that occurs worldwide and affects predominantly disadvantaged children. ECC has been described by the Centers for Disease Control and Prevention as a virulent form of dental caries that can destroy the primary dentition of toddlers and preschool children.

The project's initial approach is to assess the ability of a pediatric dentist to detect signs and symptoms of ECC when images of children's teeth and other relevant oral health data are transmitted from the childcare center to the clinic. In addition to remote site diagnosis and treatment recommendations, other applications may include remote site consultation.

The one-year plan includes the installation of a dental camera in up to seven inner-city daycare centers and a diagnostic station in the Division of Community Dentistry and Oral

Disease Prevention at Eastman Dental Center. The dentist utilizes a computer and camera connected to a Synchronous DSL high-speed internet connection (provided by Frontier Corp of Rochester) to examine and interact with the child in real-time. A dental peripheral intraoral camera allows for acquisition of images of the teeth and surrounding oral/facial tissues.

Daycare center Telehealth aides will be trained to identify early signs of possible oral disease and to image the teeth and mouth for the dentist's assessment and referral for treatment. It is envisioned that the teledentistry component of Health-e-Access will help to identify children at risk for ECC at an early stage, thereby reducing the need for extensive dental care, particularly care that requires the use of a hospital operating room and general anesthesia, prevent long-term oral health problems for low-income children, and serve as an educational tool for parents.

Academic dental institutions are a safety net provider for the underserved and contributors to the well-being of their communities through accessible oral health care services. New models must be developed to ensure oral health care for all in our community and e-OHAccess is one such model.

DIRECTOR'S LETTER *continued from page 1*

workers to enhance access and use of dental services to reduce oral health disparities for children. That is in addition to the Teledentistry in Childcare-Reducing Oral Health Disparities in Young Children Program funded through an Aetna Foundation grant. This one-year project includes the installation of dental cameras in up to seven inner-city daycare centers to facilitate an early intervention mechanism to develop a new strategy for the prevention and detection of childhood caries.

We're continuing to raise money for a number of fellowship funds to support residents and international students in their education and research endeavors. Our giving theme for this year is "Participation is Key ~ Every Gift is Important" and we are reaching out to alumni, friends, faculty, and staff to achieve 30% giving participation. Our new Website makes giving easy through an online form.

There are a number of alumni activities planned for this year including our annual AADR Alumni and Friends Reception in Baltimore this March and numerous receptions held in conjunction with various program annual meetings.

I urge you to check our Website on a regular basis for news updates, photos of events, and upcoming activities.

One of our newest initiatives is the development of the Dentistry History Project that began in 2003 and is expected to be completed next year. The central theme of the project involves exploring the interplay between dental research, education, and community dentistry as well as the interaction of EDC, SMH, and the local and academic communities.

Dentistry is moving into an exciting and challenging time and we have much to accomplish. I invite you to join us in this effort as a member of the Eastman/Dentistry family.

Sincerely,



Dr. Cyril Meyerowitz
Eastman Department of Dentistry
Professor and Chair
Eastman Dental Center
Director

ALUMNI EVENTS FROM COAST TO COAST

Over 130 alumni and friends attended the Handelman Conference held in Rochester, May 14 - 15. Many enjoyed a picnic on Saturday at the home of Dr. Hans Malmström, director of the AEGD Program. ➔



➔ Seattle Alumni Dinner with Dr. Stanley Handelman: from left John Moore (GenDen '75), James "Rick" Javier (GenDen '99), Alvin Amante (GenDen '00), Yu "Mark" Mao (GenDen '96), Penny Berglund (GenDen '83), Stanley Handelman, Marco Alberts (GenDen '80, GPR '82), Liansheng Song (GenDen '00, OMS '03).

➔ San Francisco AAPD attendees: Herbert Portnoff (Pedo '65), R. William Cornell (Pedo '64), Merle Frankel (Pedo '63).



➔ San Francisco AAPD attendees: Robert Moreau (Pedo '94), Mary Hauk (Pedo '95, MPH '04), Jason Clark (Pedo '03), Isabelle Chase (Pedo '00, Res '02).

➔ Cyril Meyerowitz (GenDen '75, MS '80), Alan Klein (GenDen '77, Pedo '79), Huw Thomas (Pedo '78, MS '79).

PEDIATRIC CRANIOFACIAL TEAM PROVIDES COMPREHENSIVE CARE

—Travis Anderson



Drs. Jeffery Arigo and Mary Hauk, Christine Emerson, and Dr. John Giroto, greet a new patient.

A team of skilled specialists from Golisano Children's Hospital at Strong and Eastman Dental Center provides excellent corrective outcomes for infants, children, and teenagers who have craniofacial anomalies. Known as the Cleft and Craniofacial Anomalies Center, it is affiliated with experts from the University of Rochester Medical Center.

John Giroto, M.D., chief craniofacial/cleft and pediatric plastic surgeon at Golisano Children's Hospital, works with colleagues from neurosurgery, dentistry, genetics, speech therapy, otolaryngology, and oral and maxillofacial surgery to ensure the best outcome for each child.

"A team of uniquely qualified specialists from multiple disciplines has proven to be the best way to help these children"

"Each specialist is uniquely qualified to evaluate, treat, and care for children who have congenital or acquired craniofacial anomalies," Giroto says. "A team approach is proven to be the best way to help these children."

When a child is referred to the Strong

Center for Craniofacial Anomalies, a team of physicians and practitioners consult with parents, reaching consensus on an effective treatment plan. "The parents and children feel less anxiety having met us, just knowing we are there for them," Giroto says. The team helps children who have cleft lips or palates, craniofacial clefts, hemifacial microsomia, craniofacial tumors, craniosynostosis, congenital birthmarks, deformities of the facial features, and other craniofacial syndromes.

Representing the dental specialists on the team are Mary Hauk, D.D.S., and Jeffery Arigo, D.D.S. Hauk, a pediatric dentist, trained at Eastman Dental Center where she gave special emphasis to caring for children who

have craniofacial disorders. Hauk works with babies as young as one week old, using an alveolar molding technique to improve the skeletal and soft tissue relationships of the jaw and nose, a process that assists Giroto's early surgical procedures. "The most important aspect for optimizing long-term results is to coordinate the dental, bone, and soft-tissue relationships," Giroto says. "Dr. Arigo and Dr. Hauk are our structural engineers."

Arigo is a graduate of the orthodontic and dentofacial orthopedic residency program at the Eastman Dental Center. Experts there are renowned for their training and expertise in treating children who have craniofacial anomalies.

J. Daniel Subtenly, D.D.S., M.S., a pioneer in craniofacial orthodontics, has trained orthodontists at the Center for nearly 50 years. "The children we help are really getting the best of both worlds," Arigo says. "Not only can we treat the individual, but we understand the biology behind the problem, and that's crucial."

The patient and his or her family play an integral role in the overall treatment decisions, Hauk says.

Team member Stephanos Kyrkanides, D.D.S., Ph.D., an orthodontist and coordinator of the craniofacial research core at the Eastman Dental Center, spends a great deal of time researching craniofacial development. "Our basic science research focuses on investigating the role of the nervous system in craniofacial development by taking advantage of the recent developments of molecular biology and genetics," Kyrkanides says. "At the translational science level, our research focuses on developing gene therapy for the treatment of craniofacial disorders, such as craniodysostosis."

Whether they are working in a clinical setting or at the research bench, members of the Cleft and Craniofacial Anomalies Center are intent on providing the best outcomes for children who need their expertise.

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P A T I E N T C A R E

PROVIDING A DENTAL HOME FOR CHILDREN

Using outreach workers to enhance access and use of dental services to reduce oral health disparities for children

Eastman Dental Center, partnering with Strong's Social Work Division, received a 5-year, \$250,000 grant from *Healthy Tomorrows Partnership for Children*. The funding came from the Maternal and Child Health Bureau, which is part of the Health Resources and Services Administration (HRSA) and the American Academy of Pediatrics. The "Dental Home for Children Project" will target children with significant unmet dental needs,

Goals are to improve the oral health of targeted children and to improve communication between dental and primary care health systems.

who tend to use Eastman's Pediatric Dentistry Clinic for emergency care. The project will fund a full-time outreach worker who will offer families a wide range of services to address barriers

to care and other related issues.

Maggie Petrosky, who developed the grant with Eastman faculty, is the project's principal investigator. She has been a social worker with Eastman Dental Center and the Medical Center for nearly ten years. The Dental Home for Children Project has two goals: to improve the oral health of targeted children by changing their use of pediatric dental services at the Eastman Dental Center site. The second is to improve communication between the dental and primary pediatric care health systems. This will enhance both the dental and primary medical care for impoverished and underserved children.

The project includes formal communication between Eastman and the pediatric primary care community to inform pediatricians about their patients' oral health. It will also promote dental/medical partnerships that will assist in the reduction of oral health disparities.

"Oral health is such an important marker for quality of life," said Ms. Petrosky. "I continue to be impressed by the personal stories that unfold in the dental setting when families are given a chance to talk.



Maggie Petrosky

Their stories are powerful, humbling, and unsettling, at times. I am very excited about the opportunity to engage families in a meaningful way, using oral health as the avenue."

"This project dovetails perfectly with our other outreach efforts and helps us continue the legacy established so many years ago by our benefactor, George Eastman,"

said Cyril Meyerowitz, chair of the Department of Dentistry and director of Eastman Dental Center.

"This is a logical extension of Ms. Petrosky's work with the underserved and one that compliments the services we already provide."

"To achieve the project goals," Petrosky said, "case management/outreach services designed to foster and sustain positive experiences with the dental care system, will be available to respond to the urgent dental care needs of children. The outreach worker will function as an advocate and a formal link between families, Eastman, and pediatric primary care sites with the overall goal of improved health."

This will enhance both the dental and primary medical care for impoverished and underserved children.

Convocation 2004

EDUCATION

Over 200 people attended the presentation of certificates in June honoring the 37 residents and international students who completed their postdoctoral programs.

A number of awards were also given out during the event including the Basil G. Bibby Fellowship for Excellence in Oral Health Research Award winners Drs. Patricia Niño de Guzman and Huan Wang.

The Rochester Section of the American Association for Dental Research Scientific Merit award winners included Dr. Wael N. Garine for the Basil G. Bibby Award and Drs. Jeffrey Bush and Elizabeth Ryan for the Michael G. Buonocore awards. (See AADR story on page 5.)

The Part-time Faculty Award was presented to Dr. Eugene Surasky, a faculty member who exemplifies the positive relationship that needs to be fostered between a teacher and a student. He has been a faculty member in the Advanced Education in General Dentistry (AEGD) Program since July 1987.

In his letter nominating Dr. Surasky, Dr. Hans Malmström wrote, "Dr. Surasky is a very unique individual fulfilling all the criteria we want to see in the recipient of the faculty award. His loyalty to teaching the residents and to the institution is admirable." He added, "Dr. Surasky teaches all day Friday and his dependability is so strong that when he is not here, we question what day of the week it is."

Several AEGD residents added their thoughts regarding Dr. Surasky and the fact that he demonstrates excellent clinical communication skills and is always present to help and share his knowledge with the residents.

Gerald N. Graser Fellowship Fund

Dr. Carlo Ercoli, director of the Prosthodontics Program, congratulated Dr. Wael Garine who was the 2003-2004 Graser Fellow.

The fellowship fund allows a post-doctoral fellow to pursue an academic or administrative position related to the prosthodontic specialty. The fellow works closely with members of the Dentistry faculty and staff to implement educational projects, learn educational theories, explore new teaching methods, and develop skills in research and curriculum innovation.



Guests begin to arrive at the Convocation reception.

Dr. Cyril Meyerowitz with Basil G. Bibby Fellowship for Excellence in Oral Health Research Award winners from left: Dr. Huan Wang and Dr. Patricia Niño de Guzman



Administrators enjoying a few moments before the presentation Row 1 from left: Donna Dixon and Erica Sergent. Row 2: Maxine Kinard, Rita Mallon, and Karen Judy. Row 3: Irene Pontes and Bridgette Rees.



Certificate awardees and guests await the beginning of the presentation.

Mrs. Beatrice Bibby joined Dr. J. Daniel Sublelny for some reminiscing about past certificate ceremonies.



Part-time Faculty Award winner Dr. Eugene Surasky and his wife, Jan.



Drs. Todd Thierer, James Melvin, and Cyril Meyerowitz sampling some of the reception wine.



The Convocation reception gives everyone an opportunity to mingle and reminisce about the past year and share stories about future endeavors.

Education NEWS

Local Research Awards Presented

The AADR section meeting included twenty-six oral and poster research presentations

The annual meeting of the Rochester Section of the AADR was held in June. The meeting provides a unique opportunity for students, residents, faculty, and staff to showcase their research activities and for all involved in Dentistry at the URMC to learn about and discuss local research endeavors.

Rochester Section officers include Drs. Stephanos Kyrkanides, president, Hyun Koo, secretary/treasurer, and Carlo Ercoli, councilor. Dr. Koo chaired the event. The Awards Committee included Drs. Carlo Ercoli, Wei Hsu, Robert Marquis, and Gene Watson.

Dr. Stephen Dewhurst was the keynote speaker and his address was entitled, "Interaction of human herpes-virus-7 with salivary gland cells."

Bibby and Buonocore Awards

Traditionally, the Basil G. Bibby and Michael G. Buonocore awards are given during the local AADR event.

The Bibby Award is given for outstanding scientific merit among presentations by non-degree candidates. Mrs. Beatrice Bibby was on hand to help present the Bibby Award to Dr. Wael Garine.

The Buonocore Award is given for outstanding scientific merit among presentations by degree candidates. It was awarded to Drs. Jeffrey Bush and Elizabeth Ryan.

Brewer Conference 2004

Dr. Carlo Ercoli was the Brewer Conference director. ➔

➔ Brewer Conference 2004 alumni attendees with speaker Dr. Kenneth Malament.



There were a number of poster presentations and they encouraged discussions about the research projects.

Prosthodontic Program Director Dr. Carlo Ercoli congratulating Bibby Award recipient Dr. Wael Garine.



WELCOME RESIDENTS AND INTERNATIONAL STUDENTS

ADVANCED EDUCATION GENERAL DENTISTRY

- Dr. Guido Batalocco
- Dr. Patricia Carlson
- Dr. Cristina Ciornei
- Dr. Victor Esponda
- Dr. Oscar Gagoh
- Dr. Sangeeta Gajendra
- Dr. Patricia Gomez
- Dr. Bao Quoc Viet Huynh
- Dr. Kelly Hynes
- Dr. Hiroko Iida
- Dr. Mijin Kim
- Dr. Dara Kimia
- Dr. Arina Kirkby
- Dr. Eleni Koutrouli
- Dr. Valeria Kresevic
- Dr. Katia Leder
- Dr. Ahmed Mansour
- Dr. Shay Markovitch
- Dr. Nguyen-Anh Nguyen
- Dr. Patricia Nino de Guzman
- Dr. Christa Oliver
- Dr. Klenise Paranhos
- Dr. Sandro Popelka
- Dr. Vivian Sitholi
- Dr. Peter Tawil
- Dr. Hirokazu Torii
- Dr. A. Hakan Tuncer
- Dr. Fazli Usman
- Dr. George Wu

GENERAL PRACTICE RESIDENCY

- Dr. Aharon Ernan
- Dr. Nicholas Gardner
- Dr. Duc-Minh Lam-Do
- Dr. Celine Messier
- Dr. Nancy Mouradian
- Dr. Joshua Souweine
- Dr. Mailene Soyster
- Dr. Peter Rouff
- Dr. Mark Burne
- Dr. Stephen Cho
- Dr. Mohamad Ganni
- Dr. Daniel Mahar
- Dr. Harinder Lotay
- Dr. Thuan Loi

ORTHODONTICS

- Dr. Eric Babayan
- Dr. Shane Blacker
- Dr. Paul Caruso
- Dr. Torin Chenard
- Dr. Douglas C. Church
- Dr. Joana Godinho
- Dr. Panagiotis Kambylalkas
- Dr. Anthony Liberatore
- Dr. Sophie Markovic
- Dr. Brian McLellan
- Dr. Jeremy Sayre
- Dr. Charity Siu

PEDIATRIC DENTISTRY

- Dr. Shannon Coyle
- Dr. Joyce Biberica
- Dr. Gabriela Ganoza
- Dr. Matthew Jensen
- Dr. Mark Lantz
- Dr. Talisha Mason
- Dr. Sean McLaren
- Dr. Nicole Nauman
- Dr. Joon-Woo Shin
- Dr. Mindy Turner
- Dr. Joel Whitt
- Dr. Courtney Wilson

PERIODONTOLOGY

- Dr. Ryan Anderson
- Dr. Humphrey Ho
- Dr. Vivien Kwok
- Dr. Cheng Miao
- Dr. Nicolas Naurato
- Dr. Alexander Pritsky
- Dr. Thomas Zahavi

PROSTHODONTICS

- Dr. Majd Al-Mardini
- Dr. Ricardo Huerta-Andrade
- Dr. Heeje Lee
- Dr. Adegbenga Otun
- Dr. Alfonso Pineyro
- Dr. Akihiko Skirakura
- Dr. Joseph So

TEMPOROMANDIBULAR DISORDERS

- Dr. Daulatkhanu Bharwani
- Dr. Yoon Chang
- Dr. Douglas Larson
- Dr. Jorge Solano
- Dr. David Watson



Education NEWS *Local research awards presented continued*

LEVERETT SPEAKER SERIES

The new Leverett Speaker Series, sponsored by the Eastman Department of Dentistry, was instituted this year to provide residents, international students, faculty, and clinical staff with the opportunity to attend sessions with speakers from Florida, Washington, and Alabama.

Dr. Scott Tomar was the first presenter in January and his topic was "Smokeless Tobacco: Harm Reduction for Smoking or Marketing of Addiction?" The presentation summarized the findings from a project Dr. Tomar recently conducted for NIDCR, which assess national and state dental programs, and educational, personnel, and regulatory issues.

Dr. Tomar has a DMD and a DPH degree and is the editor of the Journal of Public Health Dentistry. He is on the faculty of the University of Florida College of Dentistry, which is

a Division of Public Health Services and Research.

The June presenter was Dr. Phillippe Hujole who is a professor in the Department of Dental Public Health Sciences at the University of Washington, Seattle, WA. Dr. Hujole has LTH, MSD, MS, and PhD degrees.

Dr. Hujole's topic was entitled, "Dental Research Challenges in the 21st Century." His research interests are in etiology and the treatment of oral and craniofacial diseases.

The speaker for September was Dr. Gregg H. Gilbert who has both a DDS and MSD degree. His presentation entitled, "Racial and Socioeconomic Differences in Health Along the Continuum from Population-based Research to Practice-based Research: Oral Health as an Example."

Dr. Gilbert is professor and chair of the Department of Diagnostic

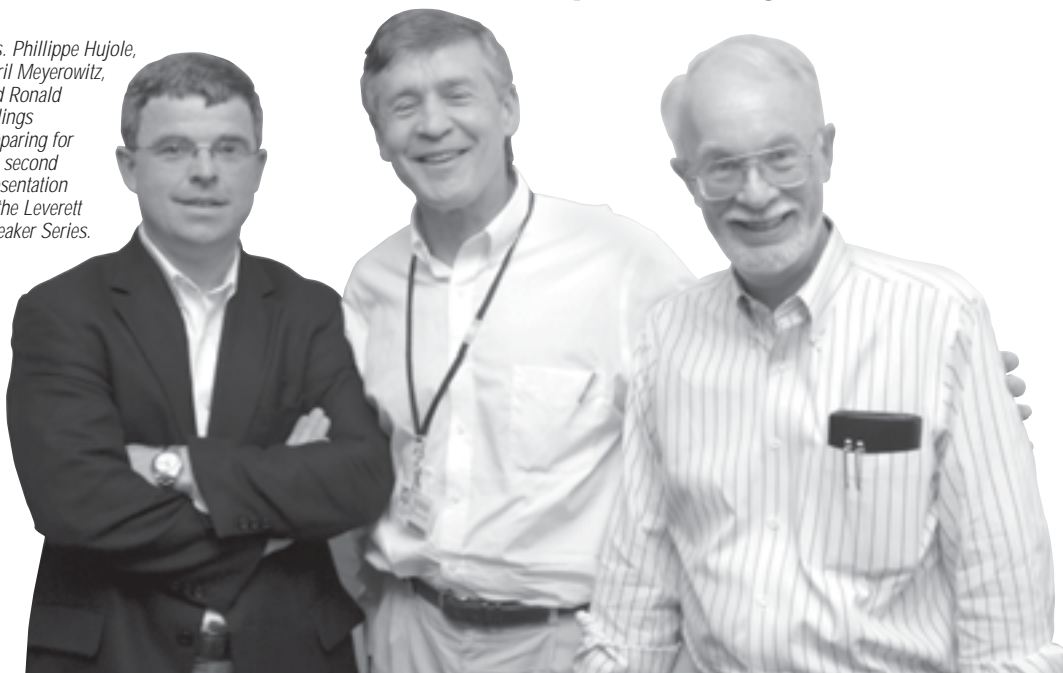


Dr. Hujole handling questions from the seminar audience.

Sciences of the University of Alabama at Birmingham. His research focuses on geriatric oral research and health services research.

Dr. Tomar answering questions from Dr. Darlene Riggins White following his seminar.

Drs. Phillippe Hujole, Cyril Meyerowitz, and Ronald Billings preparing for the second presentation in the Leverett Speaker Series.



ALUMNI NEWS

Join Dentistry's On-line Community!

Connect with classmates, fellow alumni, faculty, and staff from around the world and keep up-to-date with the latest happenings in Dentistry at the URM. We continue to welcome new users to the on-line community everyday. Register for life-long email forwarding, learn about the latest events and activities, create your own homepage, exchange ideas with colleagues, check out our alumni yellow pages for job postings, update your address information or make a gift on-line.

Visit www.alumniconnections.com/URMC to register. Follow the registration instructions available on-line or contact Dentistry's Alumni Office at 800-333-4428 or alumni@urmc.rochester.edu for assistance or to answer questions.



Share your good news

Have you received an award or honor; recently published a book; received a grant; done something noteworthy; or you would like your colleagues and classmates to know about a promotion, wedding, or birth?

If so, fill out one of the on-line forms on our Website and we'll publicize your good news in our next issue of *Momentum*. You can attach TIFF or JPEG file photos (400 dpi at actual size) or send us a hard copy and we'll scan and return it to you. http://www.urmc.rochester.edu/Dentistry/news_events/share/index.cfm

If you have any questions, please contact Connie Truesdale at 585-275-5064 or e-mail constance_truesdale@urmc.rochester.edu. Share your news and let us celebrate with you!



Becky Herman, Associate Director of Alumni Relations and Development



Research AWARDS

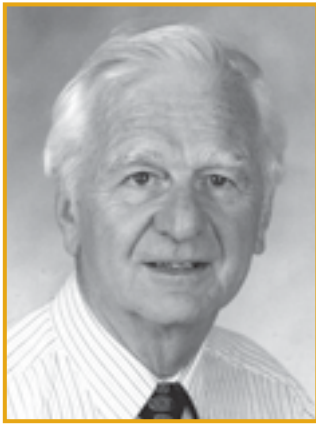
Dr. William Bowen was recently awarded a R21 grant through NIH/NIDCR. The project period is 7/1/04-5/31/06. Dr. Robert Berkowitz is a co-investigator on this project entitled, "Glucosyltransferase as a Marker for Caries Activity."

The purpose of this pilot study is to explore whether a relationship exists between urease and arginine deiminase activities in the sediment of whole saliva of children with their caries experience. Specifically, saliva will be collected from either caries-free or caries-active children and the sediment of the saliva will be tested for urease and arginine deiminase activities by direct enzyme assays.

The cross-sectional study will attempt to show a relationship of a lack of alkali production in the oral cavity, with caries activity as defined by the presence of lesions in a very young population. If successful, the next step would be to propose to do a larger, separate study to determine if a lack of base production by the sediment of patient saliva can be used to predict future caries activity.

Dr. Wei Hsu, an assistant professor of Biomedical Genetics in the Center for Oral Biology (COB), has been awarded an RO1 grant through the Cancer Institute of the National Institutes of Health. The five-year, \$1.6 million grant will fund a study of the "Genetic Regulatory Network in Mammary Tumorigenesis" and will focus on ways to prevent and treat breast cancer.

The primary objective is to investigate cellular signals and signal transduction mechanisms in breast development and tumorigenesis. Numerous studies have repeatedly confirmed that reproductive history represents the strongest risk/protective factor for breast cancer. The protective effect of early pregnancy provides an operative model to achieve breast cancer prevention and therapy in humans. Very little is known about fundamental changes of



Dr. William Bowen

the breast during pregnancy and lactation.

Dr. Hsu is particularly interested in the parity-induced mammary progenitors that contribute to differences in cellular composition between the nulliparous and parous glands. This newly identified progenitor population, displaying stem cell characteristics, may provide insight toward the protective factor(s) associated with parity.

Dr. Hsu's research focuses on craniofacial development; mammary gland development that focuses on the investigation of the Wnt signaling inducers and antagonists in breast cancer development and anti-cancer mechanisms; stem cell biology that includes the study of cellular signaling pathways; and the use of mouse models for human diseases.

Dr. Rulang Jiang has been awarded a subcontract on a P50 Grant from the NIH/NIDCR. The title of the subcontract is "Oral cleft pathogenesis in a mutant mouse." The long-term goal of this proposed research is to understand the molecular pathogenic mechanisms of orofacial clefting.

The over project is entitled "Craniofacial Anomalies Research Center;" the PI is Dr. Jeffrey Murray from the University of Iowa. Project period is 9/20/04-7/31/09.



Dr. Wei Hsu



Dr. Rulang Jiang



Dr. James Melvin

Dr. James Melvin has been awarded a subcontract on a UO1 Grant from the NIH/NIDCR. The title of the subcontract is "Catalogue of Human Salivary Secretory Components." This is a four year proteomics-based research program.

The goal is to identify and catalogue the components of salivary secretions and to annotate the catalogue with respect to biochemical properties of the catalogue's inventory.

The overall PI is Dr. John R. Yates, from the Scripps Research Institute. The project period is September, 2004 until May, 2008.

Alumni NEWS

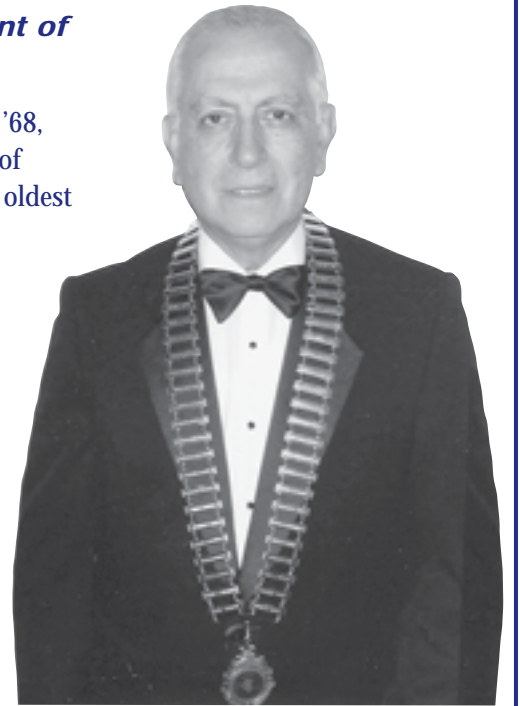
Alumnus Elected World President of International Society

Ramon Castillo, DDS, Pedro '67, MS '68, was elected to the world presidency of the International College of Dentists, the oldest international honorary dental institution.

Castillo, who specializes in pediatric dentistry, practices in Lima, Peru. He is the first South American dentist to be elected president of the International College of Dentists, founded in 1927 and with members from 89 countries. Membership is by invitation only.

Castillo is one of the founding professors of the Universidad Peruana Cayetano Heredia College of Dentistry and its past dean. His wife, Mirza, is a dentist, his three children are dentists, and two of them also married dentists.

Castillo is a member of numerous professional groups, including the American Dental Association, the International Association for Dental Research, and the American Society of Dentistry for Children.



Dr. Castillo wearing the award medallion

News From Dr. Julian Gibbs

A new report has recently been published for the National Council on Radiation Protection and Measurements (NCRP) and prepared by **Julian Gibbs**, DDS, PhD, and a committee of oral and maxillofacial radiologists. NCRP Report 145 entitled, "Radiation Protection in Dentistry" brings standards of dental radiology and radiation protection to current state of the art criteria.

The report includes guidance for the protection of patients, operators,

and the public. It covers topics such as radiological equipment and techniques, image receptors, quality assurance, informed consent, and facility design.

Dr. Gibbs is professor emeritus of the Department of Radiology and Radiological Services of the Vanderbilt University Medical Center in Tennessee. He received his PhD from the URM School of Medicine and Dentistry in 1969.

Carrying On The Tradition In Mexico

Eastman alumni are reaching out to the underprivileged

For the past two years, a group of Eastman Dental Center alumni including **Drs. J. Antonio Bello, Ramon Braojos, Adan Casasa, Andreas Felix, Eduardo Izaguirre, Federico Perez Diez, Nestor Schejtman, Rolando Velasco, Tomas Vilchis, and Roberto Sanchez Woodworth**, have been gathering every six months to greet each other and raise money for different noble causes. The group includes alumni from several Dentistry programs and they are actively carrying on the Eastman tradition of giving to those less fortunate.

The members take turns hosting an event, usually a dinner or lunch gathering. Each individual brings a cash donation, which supports a cause that benefits the underprivileged. The events are always filled with laughter and stories but the underlying factor is the support that goes to orphanages, homeless shelters, and those in need.

Congratulations to the members of the group and thank you for carrying on the Eastman tradition.



Alumni NEWS

Eastman Society Dinner

The 2nd Annual George Eastman Society Dinner was held in Rochester on October 8 in conjunction with the University's Meliora Weekend.

Dr. C. McCollister "Mac" Evarts, senior vice president and vice provost of the Health Affairs Office and CEO of URMC and Strong Health, welcomed the attendees. Dr. Cyril Meyerowitz gave a presentation announcing Dentistry's History Book Project.

The George Eastman Society recognizes donors who contribute \$1,000+ annually to one or more of Dentistry's funds.



Dr. Mac Evarts and Dr. Robert Baker, Sr., share a few moments before the Eastman Society Dinner.



Dr. Meyerowitz presented an overview complete with photos from the early 1900s that are part of the new Dentistry History Project.

Coming in 2005

A new look at dentistry's history in Rochester—the who, what, why, and how will be explored in a book being written by Elizabeth "Betsy" Brayer. The book will explore the interplay between dental research, education, and community dentistry in relation to Eastman Dental Center, the School of Medicine and Dentistry, and our local and academic communities. It is expected to be completed by the end of 2005.

Care providers with a young patient

Where are the gloves and masks? We've certainly come a long way from the days when children were prepped for surgery to remove their tonsils and adenoids in addition to their dental treatment.



Dentists also removed tonsils and adenoids at the dispensary
Tonsillectomies, once a central activity of the Rochester Dental Dispensary, stopped in the 1920s. Why? The invention of penicillin left many dispensary rooms vacant.

The early dental dispensary
Was George Eastman ahead of his time? The Rochester Dental Dispensary created a new profession for young women by encouraging and promoting the training of dental hygienists in 1917.



Maria Kilbourn Eastman

Why was George Eastman interested in Dentistry? Perhaps because he often recalled the time his mother sat at the kitchen table while the "tooth puller" extracted eight teeth without anesthetic.



2004 ALUMNI *Events*Alumni, Faculty, Staff, and Friends
Events 2004-2005**November 15, 2004**

American Academy of Periodontology Annual Meeting
& Alumni Gathering
Orlando, FL 5:30-7:00 p.m.
Walt Disney Dolphin Hotel
Contact: Dr. Paul Romano
585-275-5432 or paul_romano@urmc.rochester.edu

November 20, 2004

An Evening with Garth Fagan Dance
New York, NY
Reception: 6:00-7:30 p.m. Location TBD
Performance: 8:00 p.m. Joyce Theatre
\$45 per person
Contact: Brenda DeWind
800-333-4428 or brenda_dewind@urmc.rochester.edu

December 19, 2004

The "Producers" at Rochester Broadway
Theatre League
Rochester, NY
Reception: 1:00-2:00 p.m. Auditorium Theatre
Show: 2:00 p.m.
\$65 per person
Contact: Brenda DeWind
800-333-4428 or brenda_dewind@urmc.rochester.edu

February 6-11, 2005

Salivary Glands and Exocrine Secretion Gordon
Research Conference
Chair: Dr. James E. Melvin (University of Rochester)
Vice Chair: Dr. David K. Ann (University
of Southern California)
Four Points Sheraton
Harbortown, Ventura, CA
<http://www.grc.org/programs/2005/salivary.htm>

February 14-26, 2005

Alumni & Friends South African Excursion
Contact: Becky Herman
585-273-3172 or becky_herman@urmc.rochester.edu

February 25-26 and April 15-16, 2005

Endodontic Conference
Vertical Condensation Technique
A Participation Course
February 25-26
Dr. William Nesbitt
April 15-16
Dr. Manuel Hoyo
Contact: Mona Fine
Toll free 888-898-9750 or
mona_fine@urmc.rochester.edu

March 10, 2005

AADR Alumni & Friends Reception
Baltimore, MD Time: TBD
Baltimore Convention Center/Hyatt Regency Hotel
Contact: Becky Herman
585-273-3172 or becky_herman@urmc.rochester.edu

March 4-5, March 18-19, April 1-2, April 22-23, 2005

Clinical Esthetic Dentistry Hands-On Conference
March 4-5
The Cure for the Common Restoration
Dr. Corky Willhite
March 18-19
Creating the Illusion of Natural Aesthetics in the
Direct and Indirect Work
April 1-2
Everything you need to know about porcelain
veneers, crowns, and color
Dr. Nasser Barghi
April 22-23
How to Place High-quality Posterior and Anterior
Restorations in Less Time
TBD
Contact: Mona Fine
Toll free 888-898-9750 or
mona_fine@urmc.rochester.edu

May 5-6, 2005

11th Annual Handelman Conference Co-Sponsored
by the 7th Dental District—Semi-Annual Meeting
Rochester, NY
May 5 8:30 AM-5:00 PM

May 5-6, 2005 continued

Dr. Carl E. Misch
Advanced Implant Dentistry
AEGD Alumni & Friends Dinner
May 6 8:30 AM-5:00 PM
Dr. Gordon J. Christensen
The Christensen Bottom Line
AEGD Alumni & Friends Picnic
Contact: Mona Fine
Toll free 888-898-9750 or
mona_fine@urmc.rochester.edu

May 21-26, 2005

105th American Association of Orthodontics
Annual Session
San Francisco, CA
Orthodontic Alumni & Friends Reception
Date and time: TBD
Contact: Erica Sergent
585-275-5018 or erica_sergent@urmc.rochester.edu

May 26-30, 2005

American Academy of Pediatric Dentistry 58th
Annual Session
Orlando, FL
May 28: Pediatric Dentistry Alumni & Friends Reception
Contact: Becky Herman
585-273-3172 or becky_herman@urmc.rochester.edu

June 2005

27th Annual Allen A. Brewer Prosthodontic
Conference
Rochester, NY Date and time: TBD
Contact: Mary Jane Kleinhammer
585-275-5043 or
maryjane_kleinhammer@urmc.rochester.edu

June 17, 2005

Dentistry's Convocation
Kornberg Medical Research Building
Rochester, NY
Contact: Constance Truesdale
585-275-5064 or
constance_truesdale@urmc.rochester.edu

Bibby Memorabilia

Visitors to the Basil G. Bibby Library are in for a special treat. The area has a new look with new carpeting and paint, and chairs are in the process of being reupholstered. There are also two special remembrances from Dr. Bibby's days as a teacher, researcher, and administrator at Eastman.

Thanks to the generosity of **Dr. David Richardson**, Pedo '78, MS in Dental Science '80, we can also see Dr. Bibby as a wise mentor. Dr. Richardson wrote to us about a squash racquet that Dr. Bibby gave him as a young resident saying he was "always more concerned about the individual rather than the research."

The text under the framed picture of the former Eastman

director reiterates the thought. It quotes Dr. Bibby as saying, "I have always been more concerned about developing the individual rather than developing the research project."

Dr. Richardson had the racquet and photo framed and graciously provided the library with this memorabilia. It will be placed in a prominent and permanent location once the renovations are completed.

Check the Dentistry Website at <http://www.urmc.rochester.edu/dentistry/bibby/index.cfm> for a photo tour of the library when the renovations are complete.

New Parents and Grandparents

Give your new child or grandchild a teddy bear from your alma mater. If you are a Dentistry alumna/us and have a new bundle of joy in your life, contact Dentistry's Alumni Relations Office and we will send him/her a "Dr. T. Bear," on us. Contact Becky Herman at 800-333-4428 or becky_herman@urmc.rochester.edu.

If you send us a photo in a tiff file (400 dpi at actual size) of your new addition with "Dr. T," we will publish it in the next issue of Momentum. You can e-mail it to constance_truesdale@urmc.rochester.edu or mail it to Momentum, 625 Elmwood Avenue, Rochester, NY 14620-2989.



Sydney Grace Pomeranz born July 31, 2003.
Grandpa, Dr. David Wemmer (Ortho '83),
mother, Dr. Ann Wemmer Pomeranz (TMJ Res
'00), and aunt, Dr. Jennifer Wemmer
Schoenfeld (Ortho '00, Res '01).

Alumni NEWS

LOST ALUMNI

You have helped us before and we need your assistance again. Please help us locate your classmates, colleagues and friends. If you have contact information for someone on our list, call Dentistry's Alumni Office at 800-333-4428 or alumni@urmc.rochester.edu. Thank you!

Dr. Bernard Adler	Dr. Daniel Haghighi	Dr. Edward Murdoch
Dr. Marco A. Aguirre	Dr. Amy Harington	Dr. Neelama Muthanna
Dr. Azita Anissi	Dr. Brad Helm	Dr. Roberto P. Nieto
Dr. M. Antonio Aquirre	Dr. Terese Honel	Dr. Cheryl Norton
Dr. Manawel J. Araiche	Dr. Clark Hung	Dr. Daniel Paesani
Dr. Firooz Atrizadeh	Dr. Carsten H. Ingerslev	Dr. Laura Palmer
Dr. Robert G. Bachand	Dr. Patricia Kain	Dr. Joanne Perotta
Dr. Patrick O. Barrett	Dr. Edward Kardys	Dr. Thomas Pixley
Dr. Sixto Basterra	Dr. Autar K. Kaul	Dr. Brian E. Reed
Dr. Juan M. Becerra	Dr. Michael Keating	Dr. Michael J. Richardson
Dr. George Benbasset	Dr. Neeraj Khanna	Dr. Cristiane Sa Roriz
Dr. Hypatia Bernardo	Dr. Shadi L. Khanna	Dr. Caesar Sams IV
Dr. Ronald V. Booker	Dr. Don A. King	Dr. Kenneth SanGiacomo
Dr. Gerald S. Browdie	Dr. Sanford B. King	Dr. Lalh Saranjeev
Dr. Irvin F. Buck	Dr. Mavra Klambani	Dr. Faye S. Sayegh
Dr. Ralph Bull	Dr. Laura Kraus	Dr. Shachi D. Shantinath
Dr. John M. Cargasacchi	Dr. Keely Lawson	Dr. David Shearer
Dr. Denny Chen	Dr. Warren Lee	Dr. Larry Snyder
Dr. Lew Claman	Dr. Stephen J. Levitt	Dr. Vandana Sood
Dr. Roger J. Coe	Dr. Richard D. Levy	Dr. Vincent Strazzeri
Dr. Vickie Cohn	Dr. Arnie Lockshin	Dr. Ramon Sumabat
Dr. Roger Conti	Dr. Oscar Lopez	Dr. Victor Sun
Dr. Vickie Crow	Dr. E. Paul Luxford	Dr. Marcia Sydney
Dr. Theresa Dantonio	Dr. Douglas E. Maddon	Dr. Victor P. Terranova
Dr. Edgard F. Debbane	Dr. John Manera	Dr. Sarah Tessler
Dr. Misbah A. Diab	Dr. N. Horace Mann Jr.	Dr. Laura Thomas
Dr. Aaron Dudkiewicz	Dr. William A. Margolis	Dr. Luan K. Tran
Dr. Allison Esposito	Dr. Oliveries Marianela	Dr. Chung-Ming Tse
Dr. David Fantuzzo	Dr. Charles F. Massler Jr.	Dr. Minni Vaid
Dr. Elaine Fuhrman	Dr. Solveig Matheson	Dr. Migara Weerasinghe
Dr. Andrew Goulbourne	Dr. Linda W. Maxwell	Dr. Paul R. Weinstein
Dr. Jaque Goulet	Dr. Paz M. Mayoral	Dr. Abraham M. Yaari
Dr. Maria L. Gozalvo	Dr. Anthony L. Miller	Dr. Shin-Hyun Yoon
Dr. Youssef Guindy	Dr. Gerd Muller	

welcome to dentistry's new faculty

The Eastman Department of Dentistry has a number of new full-time faculty to add to its cadre of full-and part-time educational leaders.

Lauren Doss, DDS, was appointed as a departmental fellow/instructor in the department and will be working at Monroe Community Hospital. She received her DDS from the New York University College of Dentistry and completed her General Practice Residency (GPR) at Strong in 2003. Doss also completed a clinical honors program in general dentistry at Lincoln Hospital.

Joseph Fantuzzo, DDS, MD, received his DDS degree from the State University of New York (SUNY) at Buffalo and a residency certificate in general surgery, Graduate Medical-Dental Education Consortium. He will be a departmental fellow in the Division of Oral and Maxillofacial Surgery.

Wolfgang Haas, PhD, is an assistant professor of Microbiology & Immunology. His primary appointment is to the Department of Microbiology & Immunology and is affiliated with the Center for Oral Biology and the GEBS Cluster affiliations in MV involving immunology, microbiology, and vaccine biology.

April Hearn, DDS, completed her DDS degree at Meharry Medical College in Tennessee in 1998. She completed the GPR certificate program at Strong in 2005. Hearn will be an instructor working in the Community Dentistry and Oral Disease Prevention Program.

Jeffrey M. Karp, DMD, MS, is an assistant professor in the Division of Pediatric Dentistry. He received his DMD degree in 2002 from Temple University School of Dentistry and his MS degree from Ohio State University. He completed his pediatric dentistry rotation at Columbus Children's Hospital in Columbus, Ohio.

Amie McCarthy, DDS, is an instructor working in the Division of Community Dentistry and Oral Disease Prevention. She received her DDS degree from SUNY at Buffalo, School of Dental Medicine in 2003. McCarthy was a dental practice resident at the Veterans Administration Medical Center in Buffalo, where she provided comprehensive oral health care to veterans and active duty personnel.

ONE, TWO, THREE... CLICK.

In only a few clicks, you can help today's residents and students by providing for computer and equipment needs, increased research dollars, travel for continuing education programs OR by giving to one of Dentistry's restricted funds. View the choices online at

www.urmc.rochester.edu/Dentistry/alumni/wheretogive.

Dentistry's new combined calendar/mouse pad is in the mail. It's handy because you now have a self-adhesive calendar at your fingertips whether you put it on your desk or on the wall. If you haven't already received one, contact us at 800-333-4428 or alumni@urmc.rochester.edu.

We hope you enjoy this little remembrance and it encourages you to take a moment, view our new Website, and make a gift on-line to support Dentistry at the University of Rochester Medical Center.



In the 60s and 70s, **Marion Gilmour** was a popular figure in the Dental Center. She was a microbiologist and former chair of the department under Drs. Basil G. Bibby and William McHugh. Mrs. Gilmour passed away on June 25 in Houston, Texas. She is survived by her husband of 51 years, Hugh Gilmore, and her daughters Lisa and Heather.

Faculty NEWS

Faculty Appointments

Initiating a strategic planning process for the Division of Orthodontics and Temporomandibular Joint Disorders was one of the first initiatives undertaken by **Dr. Stephanos Kyrkanides** when he was appointed chairman of the division on July 1, 2004.

Dr. Kyrkanides received his DDS degree in 1991 from the University of Athens, Greece. He is an alumnus of Eastman Dental Center's postdoctoral programs, in orthodontics and advanced education in general dentistry programs and the University of Rochester School of Medicine & Dentistry where he received an MS in 1997 and a PhD in 1999. He also completed a fellowship in temporomandibular joint disorders and post-doctoral studies in molecular medicine and gene therapy.

In announcing the appointment, Dr. Cyril Meyerowitz, professor and chair of the Department of Dentistry and director of Eastman Dental Center said, "I am confident that under Dr. Kyrkanides' leadership, orthodontics will continue to develop and add to its illustrious reputation as a world-class division and program, if not the world's best!"

Dr. J. Daniel Subtelny, who has led the Orthodontic Program since 1955, will remain chair for education in the Division of Orthodontics for one year and will continue in the role of program director of the Orthodontics and Craniofacial Orthopedic Residency Program thereafter.

In announcing this news to the Orthodontic faculty, staff, alumni, and residents, Dr. Subtelny said, "Stephanos' training in orthodontics and his credentials are outstanding



Dr. Stephanos Kyrkanides

and he will widen the horizons of our division."

In looking forward to his new role, Dr. Kyrkanides said, "I greatly appreciate the caliber of training I've received at the University of Rochester and look forward, with enthusiasm, to the

opportunity of showing my appreciation by supporting the institution and the Rochester community with my services."

Dr. Kyrkanides has combined his work with the orthodontic residency program and his role as coordinator of the Craniofacial Research Program over the past several years. His research interests focus on children with cleft lip and cleft palate, an area where he has worked for over a decade.

In addition, as part of his basic science research, Dr. Kyrkanides and collaborators are developing gene therapies for Tay-Sachs disease as well as the treatment of facial and dental pain. To this end, Dr. Kyrkanides has been granted over two million dollars in extramural funding from the National Institutes of Health as well as three United States patents. Dr. Kyrkanides scientific work has been published in over 40 articles in peer-reviewed journals.

Dr. Peter Jensen, assumed the role of interim clinical director of the Outreach Programs in the Division of Community Dentistry & Oral Disease Prevention (CDODP) effective August 1, 2004. Jensen will continue in his position as director of the University Dental Faculty Group. In his role in CDODP, he will work closely with Holly Barone, the senior operations administrator.

"Dr Jensen brings significant

experience to this new role," said Cyril Meyerowitz, DDS, MS, professor and chair of the Eastman Department of Dentistry



Dr. Peter Jensen

and director of Eastman Dental Center. "He will be integral to the Community Dentistry operations, ensuring quality provision of care and efficiency of practice." Jensen is a graduate of the University of Detroit School of Dentistry. He completed an MS degree in biology at the University of Detroit with a concentration in microbiology and immunology.

Dr. Jensen's research was in periodontal disease and immune reactions. He completed the General Practice Residency at Strong Memorial Hospital (SMH) along with a one-year internship in oral and maxillofacial surgery in 1981. He joined the Eastman Department of Dentistry faculty in 1999 that includes one to one interaction with general practice residents. In addition to his faculty role and his leadership in the Outreach Programs and Faculty Practice, Jensen spends 1.5 days a week in the SMH operating room treating developmentally disabled patients.

Todd Thierer, DDS, MPH, director of the GPR and medical director (article 28) of Eastman Dental Center said, "I've worked closely with Dr. Jensen from his arrival in 1999 and he has been extremely important to the functioning of Dentistry in a variety of clinical and educational

roles. His wealth of experience in private practice and treating underserved populations has been an invaluable resource for our residents. His background in practice management and as an elected mayor has allowed him to become a key factor in the growth of our clinical enterprise.

Dr. Julian Kahn, a '97 graduate of the AEGD Program and an '03 graduate of the Prosthodontics Program recently joined the Dentistry faculty in July 2004 as an assistant professor.

Dr. Kahn has been named clinical director of the Daisy Marquis Jones Foundation Outreach Dental Center at School #17. This clinic is a partnership involving School No. 17 and the Rochester City School District, the University of Rochester Medical Center, Eastman Dental Center, Strong Health, and Unity Health System, which operates the on-site medical center. The clinic provides preventive and primary dental care services for both children and adults with its primary focus on underserved, uninsured and the homeless populations.

Dr. Kahn received his dental degree from the Cayetano Heredia Peruvian University Lima, Peru in 1992. His research interest lies in the area of reproducibility of three methods of recording jaw relationships.



Dr. Julian Kahn

OUR MAN IN LONDON



Dr. Ross Tallents, program coordinator of the Temporomandibular Joint Dysfunction Program, visited England to present seminars to two prestigious organizations. The first was the British Society for the Study of Craniomandibular Disorders, where he spoke about examining patients with orofacial pain, dental treatments for TMJ, and the central and peripheral mechanism for TMJ pain.

Dr. Tallents also paid a visit to our sister organization the University of



Dr. Ross Tallents

London Eastman Dental Institute. His presentation at the Institute focused on the diagnosis and treatment for orofacial pain.

The London-based institute was dedicated in November 1930 and was one of six originally funded by George Eastman. In addition to the London and Rochester centers, the other sites included Stockholm, Paris, Rome, and Brussels. Several of the centers merged with major universities. The Brussels Clinic is the only site that is no longer in operation.

Gift Annuities

A Tax-Wise Charitable Giving Strategy

What is a charitable gift annuity?

A charitable gift annuity is a simple contract between the donor and the University of Rochester, on behalf of Dentistry.

In exchange for an irrevocable gift of cash or marketable securities valued at \$5,000 or more, the University agrees to pay one or two annuitants a fixed sum each year for life. In many cases, part of each payment is tax-free for a period of years, increasing each payment's after-tax value.

The donor qualifies for a federal income tax deduction in an amount equal to the projected charitable remainder value. The designated annuitant(s) will receive fixed and guaranteed payments in quarterly installments each year for life.

What asset is the most commonly used to fund a gift annuity?

While cash gifts are the most common form, appreciated stock that pays a small dividend or none at all is a highly advantageous gifting option. Spendable income typically increases, and the donor owes no capital gains tax at the time of the gift. Instead, a portion of the annual payments from the gift annuity will be taxed as capital gain for a period of years. If the donor were, instead, to sell and reinvest this property, tax would be owed for the year of sale on the entire capital gain.

How long will the current rates be available?

The American Council on Gift Annuities establishes annuity rates. Rates are set based on a number of factors, including general economic conditions. The rates last changed on July 1, 2003. A sampling of current annuity rates for various ages appears below:

Age of Annuitant(s)	Guaranteed Annuity Rate
60	5.7%
65	6.0%
70	6.5%
75	7.1%
80	8.0%
90	11.3%

Are there special advantages for younger donors?

To gain advantages available to individuals above the age of 60, younger donors can fund an annuity but defer payments, often until retirement years. The donor gains all the financial benefits outlined above, but by deferring payments, the annuity rate and income tax deduction can be substantially higher when compared to immediate payment gift annuities. A sampling of deferred annuity rates appears below:

Age of Annuitant	Age When Payments Begin	Guaranteed Annuity Rate
40	55	11.3%
45	60	11.7%
50	65	12.3%
55	70	13.4%

How do charitable annuities benefit Dentistry at the University of Rochester?

Upon the passing of the surviving annuitant, the gift becomes available to Dentistry and is used as directed by the donor. Charitable annuities help to ensure continued excellence in dental education and care.

We invite you to visit our planned giving web site at: <http://rochester.plannedgifts.org>

What do I do to obtain more information?

Contact Jack Kreckel, Office of Trusts and Estates

590 Mt. Hope Avenue,
Rochester, NY 14620

585/273-5904
1/800/635-4672

kreckel@alumni.rochester.edu

REPORT OF GIVING 2003 - 2004

Thank you to the donors noted below. We are deeply grateful to you for your support and commitment to our education, research, and patient care missions. This report acknowledges the support of alumni, faculty, staff, corporations, foundations, and friends who have generously contributed to Dentistry at the University of Rochester Medical Center from July 1, 2003—June 30, 2004.

\$10,000+

Mr. Max and Mrs. Marion Farash

\$5,000+

Dr. J. Antonio Bello, Prosthodontics '84
Dr. Dwight H. Damon
Dr. Robert W. Fry
Dr. Gerald N., Prosthodontics '72, MS/DNS '75 and Mrs. Nancy A. Graser
Dr. Cheslea MacNeil, Orthodontics '83
Dr. Mairead Mary O'Reilly, GenDen '82, MS/DNS '85, Orthodontics '85
Dr. Christopher A. Roberts, GenDen '84, Orthodontics '87
Dr. Evangelos Rossopoulos, GenDen '82, Prosthodontics '84
Dr. J. Daniel Subtelny

\$2,500+

Dr. Surat Attaphitaya, Orthodontics '01
Dr. Robert W. Baker, Sr.
Dr. Robert W. Baker, Jr., Orthodontics '87
Dr. Izchak, Prosthodontics '86, MS/DNS '91, and Mrs. Sheila Barzilay
Dr. Ronald M. Bellohusen, Orthodontics '94
Dr. Joel F. Brodsky, Orthodontics '76, FLW '80, MS/DNS '81
Drs. Rafael, Prosthodontics '99, and Luis Del Castillo and Mrs. Raquel Olmo
Dr. Carlo, Prosthodontics '96, Orthodontics '97, GenDen '98, RES '01, and Mrs. Katia Ercoli
Dr. Achilles M. Filios, Orthodontics '69
Dr. Arthur F. Fisher *
Mr. Jeffrey and Mrs. Rebecca Fox
Dr. Rafael Ganddini, GenDen '79, Prosthodontics '81
Dr. Robert F. Girgis, Orthodontics '93
Dr. Alfred C. Griffin, Jr., Orthodontics '82
Mr. James W. Knowles
Dr. Kenneth D. Nozik, GenDen '85 and Dr. Mariane Bafile, GenDen '85, Prosthodontics '87,
Dr. Harry E. Rosenstein, Prosthodontics '85
Dr. Edward P. Snyder, Orthodontics '87

\$1,000+

Dr. Behruz J. Abadi, Prosthodontics '77
Dr. Natalie Parisi Bell, Orthodontics '95
Dr. C. Jeffrey Bowman, Orthodontics '75
Dr. Robert J. Bray, Orthodontics '75, MS/DNS '76
Dr. Richard J. Cantor, GenDen '79, Orthodontics '82
Dr. Jack G. Caton, Jr., MS/DNS '73, Periodontics '73
Dr. Martin Chin, Orthodontics '78
Dr. Sue-Lynn Chin, Orthodontics '00, MS/DNS '01
Dr. Jeffrey Cohen, GenDen '88, Orthodontics '90
Dr. Thomas Dietrich, Orthodontics '80
Dr. Alvaro A. Figueroa, Orthodontics '80
Dr. Henry N. Gellert, GenDen '73, Orthodontics '75
Dr. Karyn A. Giese, GenDen '83
Dr. Richard, Prosthodontics '80 and Mrs. Karen Gioia
Dr. Brian Graf, Orthodontics '91
Dr. Jack W., Periodontics '62 and Mrs. Harriette Howitt
Dr. Oivind E., GenDen '78, MS/DNS '79, and Mrs. Phyllis Jensen
Dr. Fred Kastenbaum, GenDen '78
Dr. Gerald, GenDen '72, Periodontics '74 and Mrs. Joan R. Krause
Dr. Shawn R. Long, Orthodontics '97
Dr. Charles A. Lowell, Periodontics '70
Dr. Cyril, GenDen '75, MS/DNS '80, and Mrs. Shula Meyerowitz
Dr. Greg C. Nalchajian, Orthodontics '90
Dr. Richard Nalchajian, Orthodontics '65
Dr. Federico Perrini, Orthodontics '97
Drs. Alan M. Polson, MS/DNS '72, Periodontics '72 and Anne Parade-Polson, Orthodontics '74, MS/DNS '80
Dr. Jacob M. Posen, Orthodontics '63, MS/DNS '65
Dr. David R. Randolph
Dr. Gary S. Rogoff, Prosthodontics '74, MS/DNS '80
Dr. Richard T. Rohrer, Orthodontics '70
Dr. Louis J. Russo, Jr., Orthodontics '67

Dr. Ralph H. Saunders, Jr., RES '76, GenDen '80, MS/DNS '88
Dr. Walker W. Shivar, GenDen '79, Orthodontics '81
Dr. Colm Sugrue, Prosthodontics '89, MS/DNS '92
Dr. Ross H., GenDen '73, Prosthodontics '79 and Mrs. Kathleen S. Tallents
Dr. Ronald G., Orthodontics '77, and Mrs. Colleen Toothman
Dr. Eduardo Torrado, Prosthodontics '00, MS/DNS '01
Dr. Robin Windl, Prosthodontics '95
Dr. ZhiHao You, Orthodontics '99

\$500+

Dr. Robert Berkowitz
Dr. Charles M. Brenner, GenDen '74, Periodontics '76
Dr. Peter Cooper, Periodontics '82
Dr. Walter Cooper
Dr. Yasmi O. Crystal, Periodontics '00
Dr. Murray H. Diner, Periodontics '69
Dr. Jay A. Gershen, GenDen '73
Dr. Bruce Haislip, Orthodontics '78
Dr. Anna-Lena Hallonsten, GenDen '73
Dr. Neil D. Hollyfield, GenDen '78
Dr. Ayodeji T. Idowu, GenDen '79, Prosthodontics '82, MS/DNS '84
Dr. Aejaz Issa, Orthodontics '01, RES '01
Dr. Richard B. Janney, GenDen '73, Orthodontics '75
Dr. Nikos Kafandaris, GenDen '78
Dr. Peter B. Laliberte, GenDen '76
Dr. David, Periodontics '77, MS '81, and Mrs. Jane Levy
Dr. John R. Mariotti, Orthodontics '84
Dr. Bruce W. Markoff, GenDen '78
Dr. Vivian S. Morad, Periodontics '93
Dr. Malcolm Musiker, Periodontics '77
Dr. Suzanne Nicholas
Dr. Peter S. Rivoli, Orthodontics '89
Dr. Nestor Schejtman, Prosthodontics '02
Dr. Allan I. Seidman, MS/DNS '84, GPR '84, GenDen '85
Dr. Robert J. Slusar, Orthodontics '70
Dr. James L., GenDen '82, Prosthodontics '94 and Mrs. Mary Soltys
Dr. Jack Weil, Periodontics '77
Dr. Howard Weiner, GenDen '85
Mr. G. Robert Witmer, Jr. and Mrs. Nancy Wenner Witmer

\$250+

Ms. Suzanne Graser Ange
Dr. Maged G. Ayad, Periodontics '97
Dr. Richard A. Beane, Orthodontics '70
Dr. Joseph A. Best, MS '91, PhD '95, OMS '97
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Mr. John A. and Mrs. Doris A. Borrelli
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Mr. Paul W. Briggs
Dr. Kevin D. Fleissig, GenDen '82
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Ms. Esther Handelman
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Dr. Harold Kolodney, Jr., GenDen '81
Dr. Rudolph L. Lantelme, GenDen '74
Dr. Myra M. Lussman Forman, Periodontics '02, RES '02
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Dr. Jesley Ruff, GenDen '81
Dr. Fred Sakamoto, GenDen '81



Dr. Dwight A. Salmon
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 Mrs. Constance E. Slapar
 Dr. Martha J. Somerman, Perio '78
 Dr. Liansheng Song, GenDen '00
 Dr. Todd Thierer, GPR '89, MS '02

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Dr. Marco A. Alberts, GenDen '80
 Dr. Maria Aslani-Breit, Pedo '94, GenDen '97
 Dr. Alex B. Avanesian, Perio '98, RES '01
 Dr. Shahla Sadeghian Azhdari, Pedo '77,
 MS/DNS '79
 Dr. Michael A. Bender, GenDen '87
 Dr. Carmen M. Benitez, GenDen '92
 Dr. Francisco L. Bermudez, OMS '92
 Dr. Tammy L. Bregman, GenDen '86
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 Dr. Dov Almog
 Bausch and Lomb, Inc. in honor of
 Bausch and Lomb's 150th Anniversary
 The Baker Foundation in honor of
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 of Dr. Paul Regan
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J. DANIEL SUBTELNY ENDOWMENT FUND

(7/1/03 – 6/30/04)



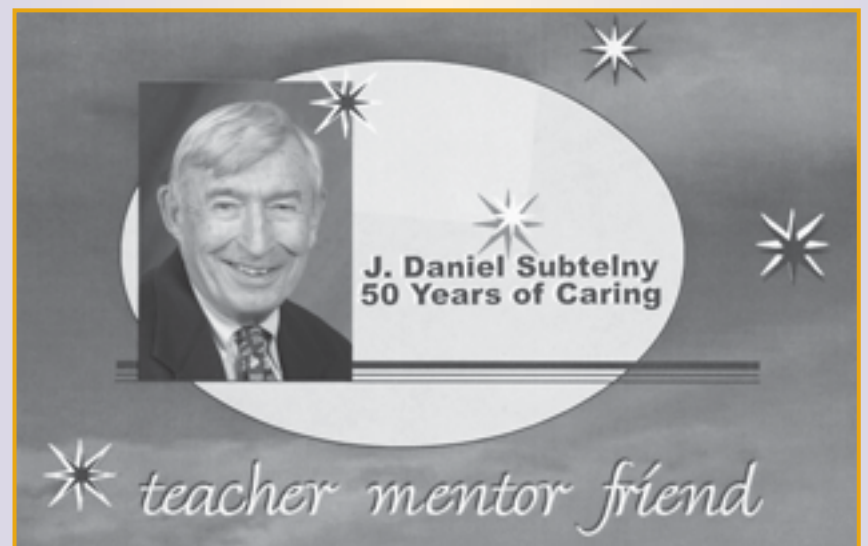
The J. Daniel Subtelny Fund was established to honor Dr. Subtelny, Orthodontics and TMJD program director and division chief. The Fund continues to grow towards its goal of \$2,000,000 for the establishment of the J. Daniel Subtelny Endowed Chair. Thank you to the following individuals for their generosity and commitment to the fund and the Division of Orthodontics throughout the years.

Those interested in contributing to the Fund can now give online at <https://www.urmc.rochester.edu/development/gift/makeagift.cfm>. Click on the Subtelny Fund in the drop down menu. You can also make a credit card gift using a VISA, MasterCard, or JCNB card or stock gift by contacting Dentistry's Development Office at 800-333-4428 or by mailing to 300 East River Rd., PO Box 278996, Rochester, NY 14627-8996.

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50 YEARS OF CARING

Dr. J. Daniel Subtelny is a teacher, mentor, and friend to hundreds and is recognized nationally and internationally as a legend in the field of Orthodontics. He will complete his 50th year as chair of the Division of Orthodontics in 2005.

A planning committee is at work to recognize Dr. Subtelny's efforts on behalf of his family, friends, and colleagues throughout the world who have benefited from his friendship, wisdom, and guidance.

Mark your calendar. A weekend full of events will take place on September 23-25 in Rochester, NY. The highlight will be a black tie affair on Saturday evening.

More details to come in the months ahead.

Faculty NEWS

POSITIONS AVAILABLE

Research

Two post-doctoral-fellows (PDF) and **two graduate students** (MS or PhD) for the molecular immunology and microbial pathogenesis of the host immune-parasite interactions during G(-) bacterial infections.

Project description and responsibilities: PDF with working experience or graduate applicants interested in molecular-cellular immunology, molecular biology or/and microbiology are sought to study host immune-parasite interactions of G(-) anaerobic infection in mucosal tissues (J. Clin. Invest. 106: R59, 2000; Infect. and Immunity. 70: 5268, 2002; BBRC 303: 1086, 2003). Our lab is located in the core NIH-funded biomedical research centers at the University of Rochester. Specific aims: 1) to characterize the immunity of G(-) bacterium-derived virulence factors via expression cloning, mutagenesis, yeast two-hybrid and structure/functional analyses, 2) to study the molecular pathogenesis by DNA micro-arrays, 3) to assess the contribution of immune cells during active immune/inflammatory response via a humanized mouse model and 4) to study the effects of *in-vivo* gene transfer to modulate anti-microbial immunity. Experience in transgenic or/and knock-out approach is a surplus. New PhD graduates are encouraged to apply and the candidates should be good team players. Starting date is flexible/immediate. The PDF should have a PhD or MD degree or equivalent and experience in the expertise areas described above.

PDF is at least for 2-3 years, graduate students from 2-5 years. The position is open immediately until it is filled. Salary and conditions are commensurate with experience and qualifications according to the NIH guidelines.

Please send CV (or transcript) and at least three references to: Dr. Andy Teng, Lab of Molecular Microbial Immunity, 625 Elmwood Avenue, Rochester, NY 14620-2989, fax: 585-473-5254 or email: andy_teng@urmc.rochester.edu

Research

The Eastman Department of Dentistry is seeking applications for tenure-track **assistant/associate professor positions** from individuals interested in pursuing a translational research career in an academic health center environment. Successful applicants must have significant research training (typically to a PhD level) and demonstrate the potential to develop and maintain a high quality, externally funded, translational research program in some aspect of craniofacial, dental or oral biology. Strong preference will be given to those individuals who possess a DDS/DMD or equivalent and who are eligible to practice dentistry in New York State. Applicants at the more senior level would be expected to demonstrate a strong history of research accomplishment and extramural funding.

The successful candidates will spend approximately 20% of their time in clinically related activities. The remainder of their time will be spent in conducting a vigorous translational research program. Unique facilities within the Eastman Department of Dentistry (Website: <http://www.urmc.rochester.edu/Dentistry/edd/index.html>) include: the Salivary Dysfunction Clinic and a Clinical Genetics Clinic.

The University of Rochester Medical Center is well known for its highly interactive nature. In addition to the appointment in the Eastman Department of Dentistry candidates may receive secondary appointments in a traditional basic science department and/or the Center for Oral Biology in the newly formed Rochester Institute of Biomedical Sciences (Website: <http://www.urmc.rochester.edu/Ribs/>).

To apply, please send a letter of interest containing a brief summary of research goals, curriculum vitae, and the names of three references to: Dr. Cyril Meyerowitz, Professor and Chair, Eastman Department of Dentistry, 625 Elmwood Avenue, Rochester, NY, 14620-2989, or e-mail: cyril_meyerowitz@urmc.rochester.edu.

Division of Community Dentistry and Oral Disease Prevention

The University of Rochester School of Medicine & Dentistry, Eastman Department of Dentistry invites applications for the position of **chief of the Division of Community Dentistry and Oral Disease Prevention**. We seek a leader who will enhance and strengthen the mission of the Medical Center in teaching, research excellence and service to the community. The Division is responsible for graduate education in public health, community dentistry, and epidemiology, research in community oral health and oral disease prevention, and administrative oversight for all Community Dentistry outreach programs, comprised of 3 mobile, 3 community-based and 4 school-based clinics that together serve over 5,000 area children and adults. The Division has a close working relationship with the Department of Community and Preventive Medicine in the University of Rochester, School of Medicine and Dentistry, the Monroe County Health Department and the Dental Bureau of the New York State Department of Health.

Applicants should have a PhD or equivalent degree in a health related field with advanced training in epidemiology, public health and biostatistics. A DDS/MSD and board certified or board eligible in Dental Public Health is desirable.

Candidates with a dental degree must have a dental license or be eligible for a license to practice dentistry in New York State. The successful candidate will have a demonstrated commitment to graduate dental education, community health and research. Preference will be given to candidates with grant funding and/or the demonstrated ability to build a strong research program. The University offers a significant compensation package commensurate with qualifications of the appointee. Funds are also available for the recruitment of junior faculty including a biostatistician who would be shared with the Center for Oral Biology in the Aab Institute of

Biomedical Sciences, School of Medicine and Dentistry.

Applications that demonstrate scholarly distinction appropriate for appointment at the associate or full-professor level should include the names and addresses of three references, academic and research interests, and be forwarded to the chair of the Search Committee: Dr. Ronald J. Billings, Eastman Department of Dentistry, 625 Elmwood Avenue, Rochester, NY 14620-2989, or e-mail: ron_billings@urmc.rochester.edu

Division of Oral and Maxillofacial Surgery

The University of Rochester School of Medicine & Dentistry, Eastman Department of Dentistry is currently conducting a search for a full-time faculty position of **chief in the Division of Oral and Maxillofacial Surgery**. Major responsibilities include didactic and clinical teaching at the graduate level, patient care and research.

Applicants must be board eligible and acquire a license to practice dentistry in the state of New York. Academic rank and salary will be commensurate with qualifications and experience.

Applicants should submit curriculum vitae and three letters of recommendation to: Dr. Lee Pollan, Acting-Chief of the Division of Oral and Maxillofacial Surgery, Chief of Dental and Oral Surgical Services, Strong Memorial Hospital, 601 Elmwood Avenue, Rochester, NY, 14642, 585/275-1133 or e-mail: lee_pollan@urmc.rochester.edu.

The University of Rochester is an equal opportunity/affirmative action employer; women and minorities are encouraged to apply.

EXPLORING THE RESEARCH LABS

Expanding our research capabilities was the primary thrust of the merger and reorganization of academic dentistry in 1997. Over the past two years, we have focused on recruiting faculty in both basic and translational science and this effort has been successful. We'll be announcing the other facilities as they are completed. We've highlighted two of the newest laboratories.

Welcome to the Laboratory of Molecular Microbial Immunity and its staff.
Dr. Andy Teng can be contacted at andy_teng@urmc.rochester.edu.



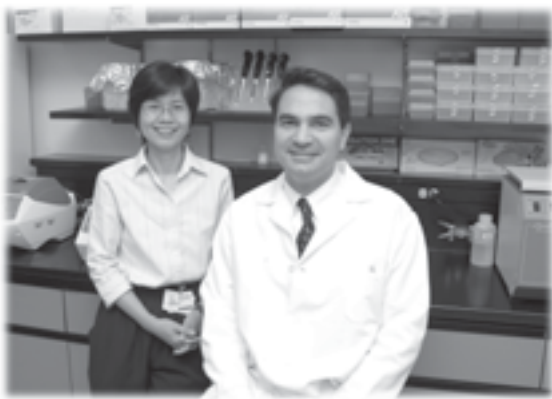
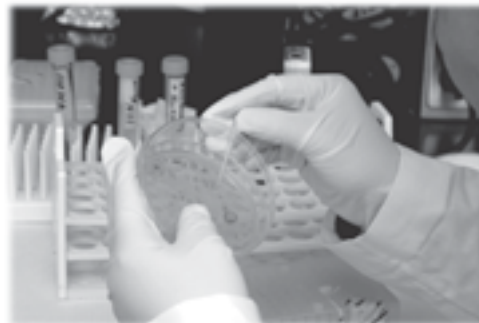
Welcome to the Laboratory of Craniofacial Research and its staff.
Dr. Stephanos Kyrkanides can be contacted at stephanos_kyrkanides@urmc.rochester.edu.



Front row: Ross Tallents, Stephanos Kyrkanides, Second row: Jeffery Karp (standing), Mijin Kim, Yu-Ching Lai, Jen-nie Miller, Mary Therese Whelehan, Back row: Panagiotis Kambylalkas, Sophie Markovic, Yoon Chang, Brian McLellan.



Front row: Klenise Paranhos, Andrew Teng, Second row: Cheng Miao, Xiaoxia Zhang, Hongtao Min, Back row: Majd Al-Mardini, Mawada Alnaeeli.



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If you have the certificate, send the unsigned stock certificate and a signed stock power (available at your bank or broker or by calling us) in separate envelopes to Dentistry's Development Office, 300 East River Road, P.O. Box 278996, Rochester, New York 14627-8996.

Our fiscal year ends June 30th.

Your Support is Greatly Appreciated



SHARE YOUR THOUGHTS

You'll begin to receive two issues of Momentum each year and we hope it achieves its purpose of keeping you up-to-date on Dentistry's people, programs, and events.

Your thoughts count. Please take a moment to fill out this card and drop it in the mail or e-mail us at constance_truesdale@urmc.rochester.edu. We'll listen and do our best to include your suggestions in upcoming issues. Thank you for sharing your thoughts with us. You may also receive one of our surprise gifts for doing so.

Please circle your answers:

	Agree	Somewhat agree	Don't agree
I like the overall look of the newsletter	5	4	3 2 1
I'd like to see more on alumni news	5	4	3 2 1
I'd like to see more resident news	5	4	3 2 1
I'd be interested in _____			

My news items for Momentum: _____

Form continued on back panel

Please complete for pledges or feedback form)

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CARRYING ON THE ORTHO TRADITION

This year was no different; Eastman Dental Center's Division of Orthodontics had a wonderful turnout at the 104th American Association of Orthodontics Annual Meeting and Alumni Gathering in Orlando, Florida, April 30 - May 4. Faculty, staff, students and alumni participated in the meeting sessions and a successful alumni gathering on Saturday evening.

Robert Baker, Sr., Ray Thoreau, J. Daniel Subtelny, Gene Blair.



Stacy and Joseph Sweet (Ortho '98, R '01), Ronald Toothman (Ortho '77), Colleen Toothman, Ronald (Ortho '77) and Madeline Ramsey.



Scott (Ortho '95), and Mindy Stein, Erica Sergent, Joel Brodsky (Ortho '76, F '80, MS '81), Ronald Bellohusen (Ortho '94), Karen and Thomas Dietrich (Ortho '80).

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WRITER: Becky Herman
PHOTOGRAPHER: Keith Bullis
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Side 2, Continued from reverse panel

Web

Alumni are invited to share their news on the Web at http://www.urmc.rochester.edu/dentistry/news_events/share/index.cfm Photos can be included if you send them via e-mail as a tiff file to constance_truesdale@urmc.rochester.edu or mail them to Momentum, Constance Truesdale, 625 Elmwood Avenue, Rochester, NY 14620-2989

Have you visited the Dentistry Website at <http://www.urmc.rochester.edu/Dentistry/>?

Yes No No computer access

Do you have any suggestions for using the Web more effectively? _____

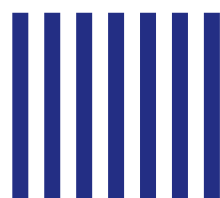
Alumni Events

Would you be interested in hosting an alumni event in your area? Luncheon, dinner, golfing outing, other: _____

Yes No



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