

MOMENTUM

Volume 15, Number 1 1990

News & Viewpoints for Eastman Dental Center Alumni & Friends

Grants bring Smilemobile goal closer

Eastman Dental Center's Smilemobile Program is the recipient of four grants totaling \$2700 from Central Trust Bank, General Railway Signal, Rochester Female Charitable Society, and Upstate Milk Cooperatives.

The donations bring the program to within \$35,000 of its fundraising goal of \$175,000, the amount needed to purchase and equip a second mobile dental unit. The traveling Smilemobile provides dental services to children in schools and daycare centers in Greater Rochester.

"We are grateful for the support we have received so far, and we are depending on the continued generosity of corporations, foundations, and individuals," said Ronald J. Billings, D.D.S., M.S.D., director of the Smilemobile and associate director for clinical affairs at the Dental Center.

"Our goal is a new Smilemobile by late 1990 or early 1991," Dr. Billings added.

"With another unit, we can bring dental care to as many as two thousand additional Rochester children each year."

Eastman Dental Center alumni, employees, and trustees, as well as individuals from the community support the Smilemobile program through the Center's Annual Giving Campaign.

During the 1988-90 Campaign, the program received \$30,000 in unrestricted gifts and \$3,000 in designated gifts. Donations designated to the Smilemobile during the 1989-90 Campaign currently total \$7500.



Mr. John Trenary

B&L's John Trenary named to EDC board

Mr. John M. Trenary, president and chief executive officer of the Bausch & Lomb Oral Care Division, Inc. (previously Dental Research Corporation) has been appointed to the Board of Trustees at Eastman Dental Center.

"John Trenary's expertise in both management and the dental field places him in a special position to assist in guiding the Center to reach its goals," said Eastman Dental Center Director William D. McHugh, D.D.S.

After joining Dental Research Corporation in 1984 as vice president of operations, Trenary was simultaneously named president and a director of the company in 1986. The former vice-president of research and engineering at Teledyne Waterpik, he holds twelve domestic and international patents.

Trenary received an M.B.A. from the University of Colorado and is a graduate of Colorado State University.

Featherstone 1990 Yngve Ericsson lecturer

Dr. John D. B. Featherstone, chairman of the Department of Oral Biology, was the 1990 Yngve Ericsson lecturer at the Karolinska Institute, Stockholm School of Dentistry, Stockholm, Sweden. The lecture took place on April 6.

Dr. Featherstone is the fifth internationally known dental researcher invited to present research findings since the Yngve Ericsson Lectureship was established in 1977. Attended by dental scientists from Scandinavian and other Western European countries, the lecture occurs every three years.

For his presentation to the prestigious audience, Dr. Featherstone differentiated new systems capable of fighting tooth decay by oral delivery of a constant low level of fluoride. Entitled "What Is New About Fluoride?", his address summarized research he has pursued at Eastman Dental Center during the last 10 years.

While in Stockholm, Dr. Featherstone also presented a seminar on research methodologies used at Eastman Dental Center.



Dr. John D.B. Featherstone with Professor Birgit Angmar-Mansson, chairman of the Department of Cariology, Karolinska Institute, Sweden.



photo by Royal Chamberlain

Dr. Theresa Madden examines a test tube containing *Bacteroides gingivalis*, cultured and grown in an anaerobic chamber. To handle cultures while maintaining an oxygen-free environment, Dr. Madden slips into shoulder-length plastic gloves, built into the side of the chamber.

Madden wins Hatton Award

Dr. Theresa Madden, a postdoctoral student in the Department of Periodontology, was awarded the Edward H. Hatton Award at the IADR/AADR meeting in March. Presented in Cincinnati, the award recognizes the best paper by a post-doctoral student.

In her research, Dr. Madden used techniques developed by molecular biologists to gain a better understanding of the bacteria that cause periodontal disease.

She cloned genes that encode enzymes produced by *Bacteroides gingivalis*. Using a genetic approach, Dr. Madden identified the enzyme that breaks down the protein substances collagen, fibrinogen, fibronectin, elastin, and casein.

Dr. Madden's study, "Cloning of a Protease Gene from *Bacteroides gingivalis*," was supported by NIDR Grants #5 R01 DE0512 and #5 K16 DE 00159.

Current research presented at IADR/AADR sessions

EDC researchers presented their latest findings at the IADR/AADR meeting, held March 7-11 in Cincinnati, Ohio. For further information about the studies listed below, write to the researchers c/o their department at Eastman Dental Center, 625 Elmwood Avenue, Rochester, NY 14620.

Steven M. Adair (PED DEN): Radiographic Practices in Hospital- and University-based Pediatric Dentistry Programs.

Nicole Barrett (ORAL BIO): Effect of Processed Cheese Components on Enamel Demineralization *in vitro*.

Izchak Barzilay (PROSTHO): Histologic and Clinical Assessment of Implants Placed in Extraction Sockets. Comparison of Bonding Amalgam and Composite Resin to Dentin.

Peter M. Black (GEN DEN): Stress and Oral Health in Two Older Age Cohorts.

Tim Bleiden (PERIO): Effect of Increased Class 1 Antigen Expression on Metastasis of Line 1 Lung Carcinoma Cells.

Charles Caldwell (PERIO): Partial Characterization of the Arginine Deiminase System of *Treponema denticola*.

Jack Caton (PERIO): Synthetic Biodegradable Barrier for Regeneration in Human Periodontal Defects.

Rose Dastmalchi (PERIO): Cementum Thickness in Adolescent Teeth.

Arthur Eisenberg (ORAL BIOLOGY): Microbial Etiology of Human Tooth Root Caries.

John D.B. Featherstone (ORAL BIO): Effect of Ca/P Ratio During *in vitro* De/Remineralization of Enamel.

Keith J. Ferro (PROSTHO): Comparison of Bonding Composite Resin to Three Metals Using Sebond.

Jean Fu (ORAL BIO): Effect of Plaque Thickness on Acid Production.

Oivind E. Jensen (GEN DEN): Dentists' Preferences in Management of Incipient Caries in Young Adults.

Theodore Koulourides (ORAL BIO): Mineral Changes in Freshly Exposed Dentin Treated with Fluoride.

Theresa Madden (PERIO): Cloning of a Protease Gene from *Bacteroides gingivalis*.

Sandra McCormack (ORAL BIO): Scanning Electron Microscopic Observations of Ceramic Carbonated Apatites.

Cyril Meyerowitz (GEN DEN): Post-Procedure Pain Following an Amalgam Restoration.

Michael L. Myers (PROSTHO): Effects of Cheddar and Processed Cheese on De/remineralization *in vivo*.

Andrea M. Pedersen (ORAL BIO): Comparison of Fluoride Retention in Edentulous and Dentate Subjects.

Carlos Quinones (PERIO): Evaluation of a Synthetic Biodegradable Barrier to Facilitate Guided Tissue Regeneration.

Carol P. Shields (ORAL BIO): Chemical Changes in Freshly Exposed Dentin Treated with Fluoride (F).

Sheila Mundorff Shrestha (ORAL BIO): Cariogenicity of Mutans Streptococci (MS) Human Isolates in Rats.

Colm Sugrue (PROSTHO): Bonding Resin Composite to Metal Using Panavia.

Athanassios Vassilas (PROSTHO): Panavia and 4-META Bond to Amalgam and NiCr Alloy.

Charles J. Wagener (PROSTHO): Wound Healing in Interproximal Sites Using Guided Tissue Regeneration.

Phillip Wallace (PROSTHO): Dimensional Accuracy of Denture Bases Cured by Microwave Energy.

Urs Zappa (PERIO): Microbial Succession in Reactivation of Experimental Periodontitis.

Domenick T. Zero (ORAL BIO): Effect of Growth at Low pH on Virulence of *S. mutans*.

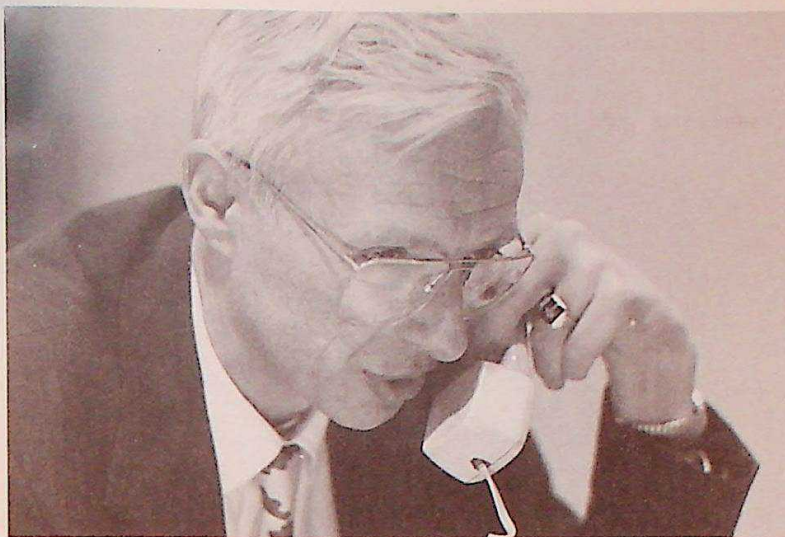
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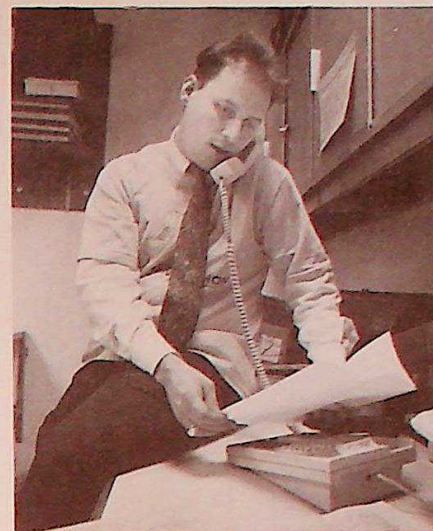
William D. McHugh, D.D.S., Director

Susan D. Smith, Director of Development and Communications

Maxine Manjos, Editor



Mr. G. Robert Witmer, president of EDC's Board of Trustees



Dr. Todd Lerner, postgraduate student, Department of Prosthodontics

Phone-A-Thon Night: we met our match

The first call of the night netted \$250.

The rest, as they say, is history. Eastman Dental Center's first Phone-A-Thon exceeded its goal and earned a very important matching gift for the 1989-90 Annual Giving Campaign.

A group of 42 intrepid EDC volunteers — faculty, staff, students, and members of the Board of Trustees — contacted more than 300 prospective donors on Wednesday evening, February 28.

From 7:00 - 10:00 p.m., the Center's Atrium rang with cheers and applause as callers successfully raised a total of \$5,165 from 57 donors. The average gift was \$90.

Coupled with a \$5,000 matching gift offered by Trustee and Annual Giving Campaign Chairman Elaine P. Wilson, and follow-up calls, the evening's efforts raised a total of \$12,397. *Photos by Roger B. Smith.*



Dr. Alison Mathews, postgraduate student, Department of Pediatric Dentistry



Mr. Robert Hurlburt, member of EDC's Board of Trustees



Mrs. Shirley Wallace, secretary to the Director, and Mrs. Helen Szelag, receptionist in the Department of Pediatric Dentistry.

Fighting the good fight

Phyllis Brunette Jensen is on the front line in the battle against the spread of communicable diseases.

Recently appointed to a new position as EDC's infection control program director, her ultimate goal is the protection of patients and clinical personnel.

Essential to her work is a small but well-trained band of soldiers, better known as infection control deputies. During unannounced monthly visits to EDC departments, deputies observe clinical personnel to determine compliance with established infection control guidelines.

Phyllis Brunette Jensen, EDC's infection control program director, reviews information to share with staff and students. "Infection control is a fast-changing field that requires constant updating," said Jensen.



photo by Royal Chamberlain

"An important focus of the deputies concerns the use of universal precautions," said Jensen. "When in contact with patients, clinical personnel must wear gloves, protective eyewear, and masks. This precaution applies to the treatment of all patients, whether or not they have a known infectious disease.

"In addition, all individuals working in the clinical area must remove contaminated gloves when performing non-clinical activities such as telephoning or making chart entries.

The deputies' observations include attention to dental equipment and supplies. Operatories must be sprayed with an iodine-based decontamination solution after each patient visit. In the laboratory, prosthetic devices must also be sprayed to avoid cross-contamination. The deputies check records of regular sterilization equipment testing and note methods used for waste disposal.

Feedback on how well clinicians meet infection control standards is provided to department chairmen, who receive a written report of findings made during site

visits. They are required to respond with a plan to remedy any deficiencies.

In addition to managing the infection control program, Jensen teaches classes to educate new students and clinical staff in the theory and practice of infection control. She stresses the potential for spread of diseases through cross-contamination and familiarizes her classes with Center-wide policies for infection control.

Jensen noted the impact of recent changes in the standard dental school curriculum, updated to include instruction in the principles of infection control.

"Many of our postdoctoral students came to EDC already comfortable with infection control procedures," she said. "They understand the rationale for the use of barrier protection and incorporate it into their regular routine.

"For dentists who are new to this training, it takes time and practice to get used to these procedures," Jensen said. "But all of us understand that there's simply no choice."



photo by Royal Chamberlain

EDC staff members (l. to r.) Carmen Gillern, Edie Hogan, and Marcia Sevier say farewell to Joe Preston at a retirement party held on February 14. During his 18 years at EDC, Joe instructed postdoctoral students in laboratory procedures including denture construction and fabrication of crowns and bridges.

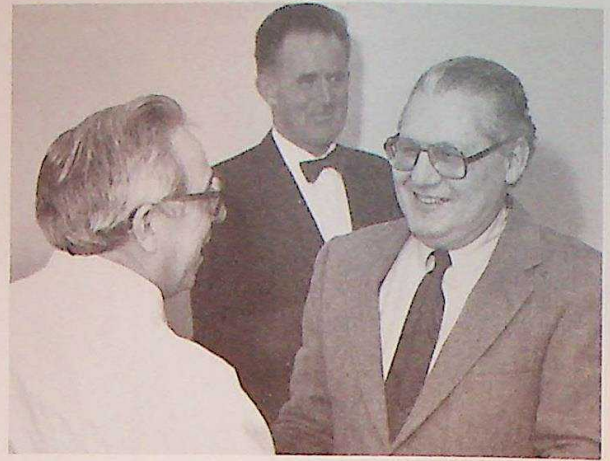


photo by Royal Chamberlain

Dr. Stanley L. Handelman (r., chairman, Department of General Dentistry) congratulates Joe for his years of service to EDC.

Where in the world are they

Maybe you know the whereabouts of one or more of the alumni listed below. Our office no longer has correct addresses for any of these former students.

We'd appreciate your dropping us a card with the correct information so that we can maintain contact via *Momentum* and other mailings. Thanks for helping us to stay in touch.

Dr. Stephen Abel
Dr. Dennis Agin
Dr. Forooz Atrizadeh
Dr. Dora D. Bazerque
Dr. Paul Belzycki
Dr. Penny Berglund
Dr. Jaime DeJesus-Abreu
Dr. Barbara A. Frackowiak
Dr. Ellen J. Gloskin
Dr. Harry Holmlund
Dr. Robert G. Jennings
Dr. Anne Ing-Mark Johansson
Dr. Stephen Kalmek
Dr. Steven Kossos
Dr. Arthur G. Krause
Dr. Oscar Lopez
Dr. Josette Michel
Dr. John F. Morrin
Dr. Euan Pearce
Dr. Patrick Treasure
Dr. Lourdes C. Veloso
Dr. Mark Webman
Dr. Jay S. Wooster
Dr. Hideo Yonada
Dr. James W. Zimmerman



Wesley A. Belli (l.) and Lisa M. Gwinner (r.) display plaques presented to them at the winter meeting of the Rochester Section, American Association for Dental Research. Mr. Belli, a Ph.D. candidate at the University of Rochester School of Medicine and Dentistry, is the recipient of the 1990 Michael G. Buonocore Award, which recognizes an excellent scientific presentation by a candidate for an advanced academic degree. Ms. Gwinner, a laboratory technician at EDC, is the recipient of the 1990 Basil G. Bibby Award, which recognizes an excellent scientific presentation by a non-degree candidate. Gwinner's and Belli's names are inscribed on a plaque on permanent display at Eastman Dental Center.

Calendar

June 7, 1990

12th Annual Allen A. Brewer Upstate New York Prosthodontic Conference. Contact: Maxine Manjos (716) 275-5064.

June 8, 1990

Eastman Prosthodontic Alumni Association Reunion. Contact: Lorraine Rose (716) 275-5043.

July 20-27

Atrium Gallery, Monoprints by EDC alumna Dr. Hanne Ingerslev.

July 26

"Diagnosis and Management of TM Disorders in Children," presented by Dr. Hanne Ingerslev.

September 13-15

EDC's 75th Anniversary Celebration.

September 27

Jon B. Suzuki, D.D.S., Ph.D., Dean, University of Pittsburgh School of Dental Medicine. "Early and Moderate Periodontitis for the Dental Hygienist, Dentist, and Periodontist." Farash Auditorium, 2:00 p.m. Sponsored by Rochester Chapter, American Association of Women Dentists and Procter and Gamble. Contact: Dr. Theresa Madden 275-4450.

Alumni News

Kumasha Algame (PED DEN '80) was appointed chairman of the Department of Pediatric Dentistry in Kuwait's dental school.

Khalid Balkhi (ORTHO '89) wrote from Riyadh, Kingdom of Saudi Arabia, that he recently became a lecturer in the College of Dentistry, University of King Saud.

Andrejs Baumhammars (PERIO '65) gave an all-day presentation, "Endosseous Dental Implants in a Progressive Dental Practice," at the annual meeting of the Maryland State Dental Association in Baltimore, Maryland, September, 1989. Dr. Baumhammars is clinical professor of periodontics at the University of Pittsburgh School of Dental Medicine.

John B. Chrispens (PERIO '73) has been selected the 18th president of the 300-member California Society of Periodontists. Dr. Chrispens maintains practices in Santa Ana and Irvine.

Yasmi Ornelas Crystal (PEN DEN '82) vacationed on the Red Sea and put in a stint as a Dental Volunteer for Israel (DVI) in Jerusalem. She wrote "DVI is a great project, run mainly by volunteer dentists and designed to help children of all kinds." Dr. Crystal is in private practice in Bound Brook, New Jersey.

David Durr (PEN DEN '82) is now focusing his career on private practice in the Rochester suburb of Greece while remaining a part-time faculty member in the Department of Pediatric Dentistry.

Arne Eckerdal (GEN DEN '82) wrote from Arslöv, Denmark, that he is now the proud father of four girls. His wife, Ina, gave birth to a healthy daughter on November 8, 1989.

Glen Ehrenman (PED DEN '87) and wife, Kelly, are the parents of a boy, Marc Charles, born 1/3/90. Kelly is a former EDC Patient Accounting Office employee.

Marc P. Ewing (ORTHO '86) sent an account of his nine months' trip via Volkswagen van, taken after leaving EDC and spending 18 months in Toronto. He covered the East Coast, Mexico and Guatemala, and the West Coast before journey's end in Vancouver. After returning to New Zealand, he bought a practice in Hamilton. His most exciting news is the birth of a daughter, Isobel Catherine, in October, 1989.

Alfred C. Griffin Jr. (ORTHO '82) was certified as a diplomate by the American Board of Orthodontics in March, 1990.

Zully Criado Hedreen (GEN DEN '89) is a dental fellow in the Geriatric Fellowship Program at the University of Maryland.

Vikas Kulkarni (PED DEN '80) is consultant and chief of dentistry at Sharourah General Hospital, Sharourah, Kingdom of Saudi Arabia.

John R. Mariotti (ORTHO '84) is board certified after having completed Phase III of the American Board of Orthodontics. He is in private practice in Scranton, Pennsylvania.

Michael C. McCann (INTERN '58) and his wife, Kathleen, recently expanded the family-style retirement home they have established near the University of California at Los Angeles. The goal of the home is to provide resident seniors with a caring Catholic environment, excellent food, companionship, and activities. Teaching at UCLA and an active private practice keep the Drs. McCann on a busy schedule.

Ellwood Mitchell (INTERN '59) practices dentistry with anesthesia in Ottawa, Canada. While studying at EDC, Dr. Mitchell received experience in general anesthesia at The Genesee Hospital.

Alan Polson (PERIO '72) is vice-president and director of clinical research for Atrix Research Laboratories, Fort Collins, Colorado.

Mark Robinson (GEN DEN '68) was elected president of the Hyde Park Branch of the Chicago Dental Society for the year '89-'90.

Gary S. Rogoff (PROSTHO '74) supervises restorative staff members of the Clinical Program in Implant Research at the Forsyth Dental Center, Boston.

Zia Shey (PED DEN '72) was recently appointed chairman of the Dept. of Oral Biology, School of Biomedical Sciences, University of Medicine and Dentistry of New Jersey. Dr. Shey continues to serve as assistant dean for adult education.

Buddhi M. Shrestha (PEN DEN '70) was elected to a one-year term as chairman of the Joint Conference Committee (JCC) of the Anthony L. Jordan Health Center. The JCC provides liaison among the Health Center's Board of Directors, administration, and medical/dental staff and acts as a forum for discussion.

Dr. Shrestha is currently a pediatric dentist at Jordan Health Center and is president of the medical/dental staff.

Raul Tango (PED DEN '88) was appointed dean of the Dental School, University of San Francisco Xavier, Sucre, Brazil. In addition to education, he concentrates on preventive and restorative dentistry.

Alicia Veliz L. (PED DEN '57) wrote from Lima, Peru, that she is director of the Research Center of the Stomatology Academy of Peru. She recently completed

two research projects, "Study of the effect of fluoride rinses and fluoride dentifrice (MFP) in the prevention of dental caries in school children," and "Study of the oral condition of the coca leaf native chewers of the Peruvian Andes." She is a member of the International College of Dentists and the Pierre Fauchard Academy.

Deaths

Margaret M. Guinan (Eastman Dental Dispensary School for Dental Hygienists, 1923) passed away on 12/1/89.

Patricia Hartmann Young (Eastman Dental Dispensary School for Dental Hygienists, 1952) passed away on 12/19/89.

What's up, Doc?

Your EDC friends would like to hear your latest news — a professional accolade, change of job, a marriage or birth. Jot down your information and send it for inclusion in a future issue of *Momentum*.

Name _____

Specialty _____ Year _____

Address _____

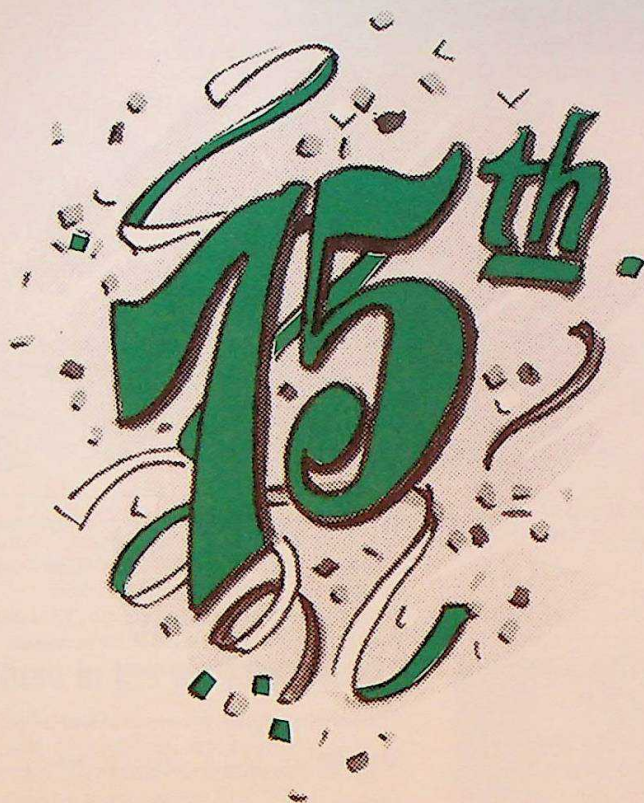
City _____ State _____ Zip Code _____

Telephone _____
(please include area code)

Here's what's new with me _____

Send to: *Momentum* Editor, Eastman Dental Center, 625 Elmwood Avenue, Rochester, NY 14620.

Sometimes it's not possible to print every item right away. If your news doesn't appear in one issue, look for it in the very next one.



We're only 75 once!

Make plans now to take part in our anniversary celebration.

September 13-15.

Registration deadline: August 1.

If you need registration information, contact Janice Kelso Langkans, 75th Anniversary Registration Coordinator, Eastman Dental Center, 625 Elmwood Avenue, Rochester, NY 14620. Tel. (716) 275-1143.

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