

MOMENTUM

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News & Viewpoints
for Eastman Dental Center
Alumni & Friends

EDC

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Rochester, New York
William D. McHugh, D.D.S., Director
Jo Helfer, Editor

Research



Mairead O'Reilly

Since 1979 the Rochester Chapter of the American Association for Dental Research has presented the Michael G. Buonocore Award for research to a junior investigator at its annual winter meeting.

The award, which now honors the memory of Michael Buonocore whose pioneering work in adhesive dentistry changed the course of the profession in this generation, recognizes a scientist at an early stage of his or her career. Dr. Buonocore was chairman of EDC's Department of Dental Materials when he died in 1981.

At the 1983 unveiling of a plaque to list all winners of the Buonocore Award, Myra Buonocore spoke of her husband. She said, "...Michael was proud to be a dentist. Being

called *doctor* was very special. It signified an acceptance of responsibility in patient care, of responsibility to seek the truth, of responsibility to enhance knowledge and skill in applying it. ...Michael had the ability to define a task for himself and to work at it, with enthusiasm and determination, to completion. This quality of his and of the winners of the Buonocore Award is given special recognition by this beautiful, elegant plaque..."

Mairead O'Reilly won the 1983 Buonocore award. She attended the local school in her native Omagh in County Tyrone, Ireland, where she was born until she was seventeen. She then left for Trinity College, Dublin, where she took a six-year course in dentistry. Mairead says, "Two of my sisters had done medicine, and I thought I'd do dentistry." Her brothers are both "in marketing and business and a third sister is a computer scientist."

While she "did a six-month house job, like a residency here" in Cardiff, Wales, she met Phillip Dowell, GenDen '80, who suggested she apply to EDC's General Dentistry program. She received her GenDen certificate this past June and is currently enrolled in the Ortho program. She says, "I always planned to do orthodontics and would have started it at home, if I had not come here. The Center's program is so inviting and Dr. Subtelny (J. Daniel Subtelny, chairman of the Department of Orthodontics) is so well known, I feel privileged to be studying with him."

She did the research that earned her the Buonocore award under the direction of Dr. John D.B. Featherstone, chairman of EDC's Department of Oral Biology. She says, "He's a marvelous person!"

Mairead plans ultimately to return to the United Kingdom and work in a hospital setting. She says, "I had worked for a year in London in a children's hospital on Great Ormond Street taking care of patients with cranio-facial anomalies and cleft palate. I'd like to return to a similar setting."

An abstract of her award-winning presentation follows.

The in vitro inhibition of demineralization around orthodontic brackets

by M.M. O'Reilly

Decalcification adjacent to orthodontic brackets and bands is often accepted as an unfortunate consequence of orthodontic treatment.

In the present study, three commercially available fluoride products were investigated for their ability to reharden or inhibit artificially created lesions around orthodontic brackets.

Test systems were a sodium fluoride (NaF) dentifrice, NaF rinse and monofluorophosphate (MFP) dentifrice. Human tooth crowns were sectioned mesiodistally, orthodontic brackets bonded to the buccal and lingual surfaces, and win-

Continued on page 4

Board of Trustees



In Memoriam

Richard P. Miller, who sat on EDC's Board from 1954 to 1975 when he joined the Advisory Council, died July 15, 1983.

Before his retirement in 1972, he was for 26 years manager of the Community Chest, now the United Way of Greater Rochester. In addition to his affiliation with EDC, he was a director of the Episcopal Home.

Mr. Miller understood the Rochester community. He knew the industrial and corporate leaders and worked well with them to raise charitable funds. Under his exemplary guidance, Chest campaigns raised an enviable \$135,000,000. Richard Miller also gave of himself to people who needed help. It was not unusual to see him at the Center, his snow-white hair a beacon, bringing in for treatment a patient in a wheelchair or, more recently, a refugee family from Laos.

Dr. William D. McHugh said, "We lost a great friend and supporter with the death of Dick Miller. He had been keenly interested in the Center for many years and was always willing to help when asked. Our recent activities in developing geriatric dentistry programs had pleased him greatly and he attended the 1983 geriatric workshop and was a valuable source of counsel about these and our development programs."

Calendar

Continuing Education

Thursday, February 9

Endodontics Made Easier

Faculty: Morton Guttenberg, D.D.S.

The course objective is to uncomplicate endodontic procedures and augment the expertise of the attendees. The curriculum will include diagnosis, canal obturation, surgical endodontics, and the endodontic implant.

Thursday, April 12

Pitfalls and Problem Solving in Ceramo-Metal Restorations

Faculty: Irwin S. Rosen, D.M.D.

A detailed system for trouble-free porcelain fixed bridges emphasizing: abutment preparation; management of devitalized teeth; margin placement and design; temporization techniques; embrasure control; esthetics; framework design; parallelism; cementation; repairs and maintenance.

Thursday, June 7

The Sixth Annual Allen A. Brewer

Upstate New York Prosthodontic Conference

The All Ceramic Crown and Bridge

presented by

Coors and Corning-Dentsply

Faculty: Ralph B. Sozio, D.M.D.

Vincent T. Cammarato, D.D.S.

David G. Grossman, Ph.D.

Achieving a restoration that duplicates the natural dentition has been the goal of restorative dentists for many years. Porcelain fused to metal has been the material of choice for a long time, but the porcelain jacket crown is still considered to be the standard by which all other crowns are compared.

Two new materials have been developed that eliminate the metal substructure, and are being evaluated or used for individual crowns as well as anterior and posterior bridgework. The lecturers will discuss the indications and contraindications of these new and promising advances in prosthodontic dentistry.

For further information on the above courses, or to be placed on the EDC Continuing Education mailing list, write to: Jo Helfer, EDC, 625 Elmwood Avenue, Rochester, NY 14620. 716/275-5064.

Name _____ Department _____ Year _____

Street _____

City _____ State _____ Zip _____

Phone () _____

Reunions

The Eastman Dental Center Orthodontic Alumni Association meeting will take place June 1 and 2 at EDC. For information, write or phone Dr. Ernest A. Rider, 3535 Randolph Road, Charlotte, NC 28211, 704/366-8936.

The Eastman Dental Center Prosthodontic Alumni Association meeting will follow the Brewer Conference on June 8 and 9. For information, write or phone Dr. Gerald N. Graser, EDC, 625 Elmwood Avenue, Rochester, NY 14620, 716/275-5004.

ROCHESTER REUNION

All of us at EDC who will be at the AADR meeting in Dallas are looking forward to seeing Eastman Dental Center and University of Rochester students, faculty, and friends, past and present at our traditional reunion.

Date: Thursday, March 15

Time: 6:30 to 8:30 p.m.

Place: Monduel Room

Dallas Hyatt Regency Hotel

Alumni News

Jorgen Theilade, Perio '60, and **Else Theilade**, Pedo '59, both became honorary members of the Indian Society of Periodontology in 1983.

Paul Klein, Ortho '62, writes that he and Carolyn "are enjoying working together in the office where we are in private practice of orthodontics. We have three boys: Paul, 20, Christopher, 19, and Michael, 16. The two older boys are going to Ohio State University." Paul adds, "It is so nice to read about the people we knew at the 'Dispensary.'"

Andrejs Baumhammers, Perio '65, has been appointed director of continuing education of the School of Dental Medicine at the University of Pittsburgh, where he is clinical professor of periodontics. He will direct both the on-campus and 18 off-campus continuing ed sites through Pennsylvania and Eastern Ohio.

David G. Vandersall, Perio '67, recently purchased the periodontal practice of the late Dr. Niles M. Hansen, Jr., and is maintaining his teaching relationship with Indiana University, where he is an associate professor.

Dennis M. Agin, Ortho '71, is now a diplomate of the American Board of Orthodontics.

Robert Moore, who earned his Ph.D. in anatomy from the University of Rochester in 1974, has moved from the West Virginia University School of Dentistry to the College of Dentistry at the University of Nebraska Medical Center in Lincoln, where he is professor and chairman of the Department of Orthodontics.

Harvey Levy, GenDen '76, was named "Dentist of the Year" for 1983 for his work with the handicapped by the Maryland Governor's Committee on Employment of the Handicapped. Harvey also received fellowship in the Academy of General Dentistry.

Alan Golden, Pedo '76, who has an office in Dale City, Virginia, is opening a second office in Manassas, Virginia.

L. Marilyn Weeks, GenDen '77, Perio, M.S. '80, is assistant professor in the Departments of Periodontics and Biomedical Sciences at the Washington University School of Dental Medicine in St. Louis.

Peter Barnett, GenDen '79, writes: "After four years on the full-time faculty at the University of Pennsylvania, I have reduced my teaching commitment to two days per week and am now engaged in independent consulting in health management. I am working with both individual dentists and organizations in consultation and in project management. My primary areas of involvement are in (1) developing alternative management models (rather than the traditional industrial methods) to foster entrepreneurial behavior among staff and to deal with the organizational implications of new technology (i.e. computers); and (2) the development of alternative delivery systems - capitation, practice networks, marketing networks. This is an exciting time to be in health care, and I am enjoying the challenges and opportunities."

Walker W. Shivar, GenDen '79, Ortho '81, in a letter to Stan Handelman says, "Hopefully I have told you this before, but it is worth repeating. Both you and Eastman Dental Center have my deepest appreciation for helping to make possible the continuation of my general dentistry education and my going into the speciality of orthodontics. I am truly indebted to you for this."

Mohssen Ghalichebaf, Prostho '79, visited the Center in September. He's been running seven to eight miles a day for a year and was then planning to participate in the Indianapolis Marathon, an event to benefit Wishart Hospital.

Eduardo Izaguirre, GenDen '80, M.S., '82, is back in Mexico after a year in Germany.

Osman Sahinoglu, Ortho '80, "got married in February '82, opened up a private practice limited to orthodontics in Izmir, Turkey, in July 1982, and is pleased to announce the birth of a daughter Elis in November 1983.

Jose Castaneda, GenDen '81, Pedo '83, returned to Guatemala in August. He left this note: "I will be leaving Rochester soon—too soon. It is a sad thing to do as I have found in my three years at EDC that the people in this place are wonderful. My experience at the Center has been a very rewarding one in learning and also in getting to know a variety of really nice people. Unfortunately, when you move, very often you forget to express your sincere thanks to a lot of people, who, in one way or another, have helped to make your educational experience worthwhile. So, please let all those people know that I really appreciate their efforts and that EDC people will always be a treasured remembrance in my life. I will be moving to Guatemala City, hoping to associate in an pedodontic practice and try to do part-time instructing or teaching."

Susan Stone Griffin, GenDen '81, and **Alfred C. Griffin, Jr.**, Ortho '82, announce with pride the birth of their son, Alfred Charles Griffin III, on October 8, 1983.

Kevin D. Fleissig, GenDen '82, has taken over the practice of the late Dr. Paul Garfinkel in Rochester.

Yasmi Ornelas-Crystal, Pedo '82, and David, are delighted with Ari, who was born June 18, 1983.

Ken Hebel, Prostho '83, won first place and a \$1,000 prize in the John J. Sharpy Research Competition at the American College of Prosthodontists meeting in California in October.

Name _____

Address _____

- ☐ Trustee ☐ Friend ☐ Alumnus ☐ EDC Staff
- Department_____
- Class_____

☐ I am enclosing total gift

☐ I enclose initial payment of \$_____ and plan to send the balance as follows by April 30, 1984

☐ I am sending securities:

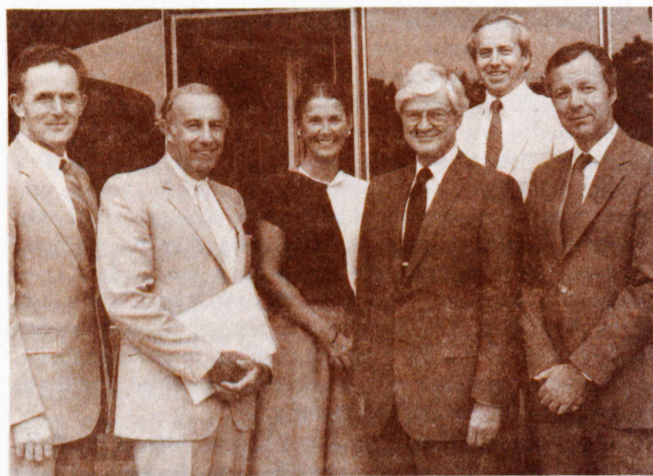
☐ My gift is for Research Fellowships Amount \$_____

☐ Other (please specify) _____ Amount \$ _____
Date _____

Signature of donor _____

Please make checks payable to Eastman Dental Center
1983-84 Annual Giving Campaign.

Gifts are deductible for income tax purposes.
Thank You!



EDC's ANNUAL GIVING LEADERSHIP. From left to right, Bill McHugh, director; Neil Murphy, Board member; Malinda Fischer, director of development; Bob Hutchinson, Board member and chairman of the 1983/84 campaign; Jerry Graser, chairman of the Department of Prosthodontics; and Mark Logan, Board member. Missing from the picture are Board members Paul Briggs and Lou Langie; Stan Handelman, chairman of General Dentistry; and Dan Subtelny, chairman of Orthodontics.

Research

dows exposed occlusal to, and cervical to the brackets. Samples were subjected to a sequence of 10 alternating demineralization and remineralization periods: 6 hours in one of two acetate systems, 17.5 hours in a Ca/PO_4 solution, simulating saliva. Test teeth were immersed for 5 minutes in one of the F test systems daily between de- and remineralization treatments. Samples were then cut through the lesion, embedded with the cut face exposed, and polished. Lesion depths were measured and hardness profiles determined across the lesions.

Almost no demineralization was observed with the NaF test system compared to the control teeth, which were not dipped. The cariostatic activity of NaF dentifrice has been shown to primarily involve F uptake into decalcified subsurface lesions (Mobley, J. Dent. Res. 60:1943, 1981). This work illustrates the effectiveness of the system in inhibiting or reversing the progression of orthodontically related decalcification.

Staff News

Dr. Steven M. Adair was appointed chairman of EDC's Department of Pedodontics, effective July 1, 1983. Dr. Adair, who joined EDC's faculty in 1976, is a graduate of the University of North Carolina School of Dentistry at Chapel Hill. He earned his certificate in pedodontics at the University of Iowa, where he was also awarded a Master's degree. Dr. Adair became a Fellow of the American Academy of Pedodontics.

Dr. Mark Espeland joined EDC's senior staff in October as coordinator of biostatistics, a new position. He graduated from Arizona State University with a B.S. in mathematics and then came east to the University of Rochester, where he earned a Master's and then a Ph.D. in statistics. Before coming to EDC, he spent two years in Chicago at the University of Illinois Medical Center.

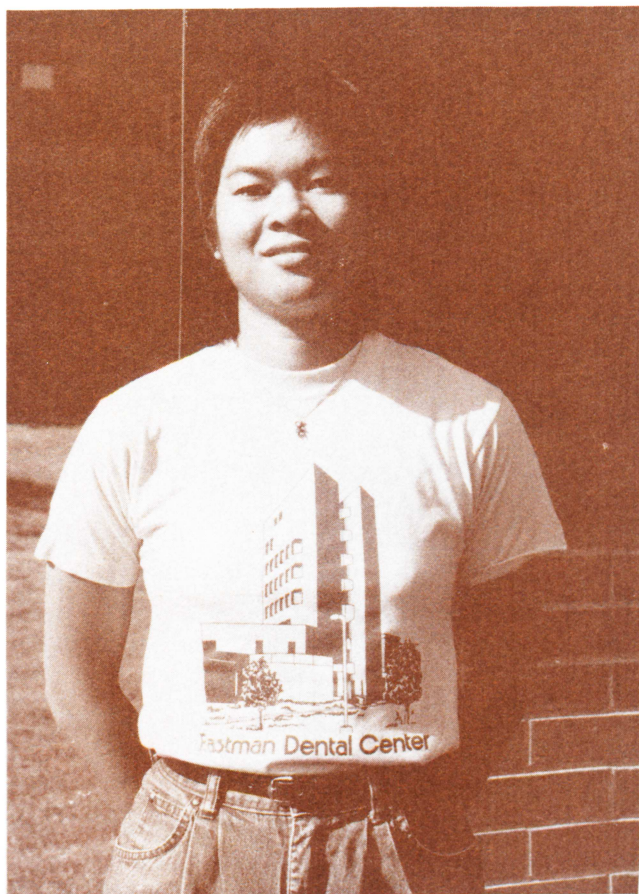
Dr. J. Daniel Subtelny, chairman of the Department of Orthodontics, was awarded the Honors of the Edward H. Angle Society of Orthodontists at the group's 25th biennial meeting, held in Hot Springs, Virginia, in October.

Dr. Alan M. Polson, chairman of the Department of Periodontics became a Fellow of the International College of Dentists.



MEMBER PUBLICATION
AMERICAN ASSOCIATION OF DENTAL EDITORS

Gift Catalogue



LESLEY ELLIES, who received her GenDen certificate in June and who is now working on her Master's, envisioned a fashion first, an EDC t-shirt. That's Lesley wearing the stylish dove gray shirt, enhanced with burgundy lettering and picture. The fabric is a 50/50 cotton/poly mixture.

I'd like an EDC shirt!

Please circle the size (chest width in inches) you want. Small (34-36); Medium (38-40); Large (42-44); Extra-Large (46-48).

\$10 each

Quantity _____ Subtotal _____

I'd like to tie one on!

EDC poly/silk ties, \$16.50 each, postpaid.

Your choice of a navy blue or red background, figured with a shield bearing a caduceus.

\$16.50 each

Quantity _____

Color _____

Subtotal _____



I'd like to coaster!

EDC Coasters, \$5.50 each, postpaid

White tile with red design.

\$5.50 each

Quantity _____

Subtotal _____



I'd like to be pinned!

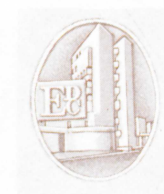
EDC pins, \$15.00 each, postpaid.

Gold filled, tie-tack back, 3/4".

\$15.00 each

Quantity _____

Subtotal _____



TOTAL ENCLOSED _____

Please send your order with your check or money order to:
MOMENTUM

625 Elmwood Avenue
Rochester, New York 14620

Development

Robert L. Hutchison, chairman of the Eastman Dental Center 1983/84 Annual Giving Campaign, which does not close until April 30, is pleased to report that it has so far realized \$39,000 in donations and pledges.

Proceeds from this second Annual Giving Campaign, unless otherwise designated, will be used to fund research fellowships for postdoctoral students in all departments.

Each fellowship is valued at between \$6,000 and \$7,000. The number of students to receive a research fellowship will depend on the amount raised.

EDC's Board leadership, in addition to Mr. Hutchinson, consists of Paul W. Briggs, Louis A. Langie, Jr., Mark B. Logan, and Cornelius J. Murphy.

Jerry Graser, chairman of Prostho, and Stan Handelman, chairman of GenDen, are again co-chairing the in-house effort. Dan Subtelny, chairman of Ortho, is assisting in reaching all alumni. EDC's director, Bill McHugh, is also active in the campaign. Malinda Fischer, director of development, is coordinating all efforts.

A copy of the 1983/84 Annual Giving Campaign reply form is reprinted on page 4 for your convenience.

A list of all contributors to the 1983/84 Annual Giving Campaign will be printed in the next issue of **MOMENTUM**.

Deadline for Alumni New Notes: June 1!

Name _____ Dept. _____ Year _____
New Home Address _____
New Business Address _____ New Title or Position _____

Other News _____

What features would you be interested in seeing in MOMENTUM? _____

Please mail to: MOMENTUM
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