

MOMENTUM

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News & Viewpoints
for Eastman Dental Center
Alumni & Friends



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William D. McHugh, D.D.S., Director
Jo Helfer, Editor

From the Director's Chair

Rochester Reunion

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

Date: Thursday, March 17
Time: 6:30 to 8:30 p.m.
Place: Bronze Ballroom B
Stouffer's Hotel



EXTERNAL REVIEW COMMITTEE. From left to right, Burton Press, D.D.S., president of the American Dental Association; James E. Mulvihill, D.M.D., vice president for Health Affairs at the University of Connecticut; and Richard C. Oliver, D.D.S., dental dean at the University of Minnesota, visited the Center December 13 and 14, and will soon report on the Center's strategic plan and implementation proposals.

Highlights From The Annual Report

1982 was a year of steady progress in which planning occupied a good deal of time and effort. We completed the strategic plan and proposals for its implementation and submitted them to the Board of Trustees. An external committee visited the Center to review them and express opinions on them. While the committee had been selected with care, we could not have reasonably expected that it would be as impressive as it turned out to be. Its members had an excellent grasp of the issues by the end of their visit, and their varying perspectives and philosophies were very helpful. The Center's Board, faculty, and staff look forward to their report with keen anticipation.

Overall the Center had a very successful year without significant damage from the difficult economic climate. There were no major changes in our educational programs and there are increasing numbers of excellent applicants to all of them.

There were approximately 44,000 patient visits, an increase of four percent. Income from patient care augmented by 30 percent, to over \$1.37 million. As there was no increase in clinical fees during the year, the higher income was due mainly to improved collections plus the modest increase in the total amount of treatment provided. A new data processing system for patient records and billing was installed during the year and is a substantial advance over the manual methods we had used previously. Much effort and time went into this new system and we are encouraged by the

results already apparent from the investment.

Improved efficiencies in the Smilemobile have stabilized its operation and the Monroe County Dental Health program continues, although with slowly eroding funding. As part of our increasing focus on geriatric dentistry, the Center negotiated a new contract to provide dental services at the Fairport Baptist Home. Similar arrangements with other nursing homes are under consideration.

Research continues to be a major activity although, because of reduced outside funding, more had to be supported by endowment income. Extramural funding fell by six percent due to cuts in federal support for biomedical research and reduced support from industry, because of the recession. Current negotiations with several potential commercial sponsors give reason for optimism, however.

Among the interesting research findings during the year, the following are worth special mention:

- Treatment with demineralizing solutions can lead to reattachment of connective tissues to root surfaces exposed by periodontal disease.
- A fluoride rinse program in Brockport where the water supply is not fluoridated has reduced caries by about 37 percent.
- A mouthrinsing program to compare the effects of stannous and sodium fluorides showed no long-term differences in plaque accumulation. The stannous fluoride seemed, however, to be more effective against pit and fissure caries than did sodium fluoride, which better protected the smooth surfaces.

Continued on page 4

Research

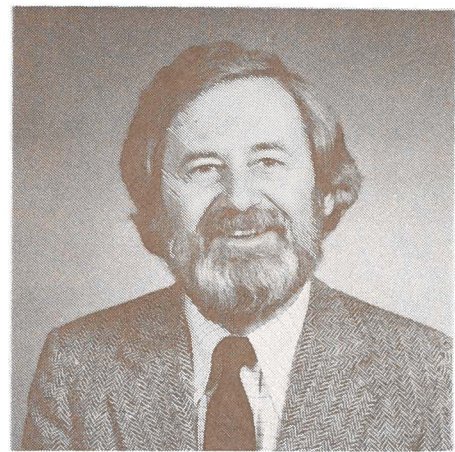
An Eastman Dental Center study on sealants published in the January issue of *The Journal of the American Dental Association* has evoked press coverage locally and nationally.

Authors of the article, "Use of Sealants in the Prevention and Early Treatment of Carious Lesions: Cost Analysis" are Dennis H. Leverett, D.D.S., M.P.H., chairman of the Department of Community Dentistry; Stanley L. Handelman, D.M.D., chairman of the Department of General Dentistry; Charles M. Brenner, D.M.D., clinical instructor in Community Dentistry; and Howard P. Iker, Ph.D., professor of psychiatry and psychology at the University of Rochester.

Dr. Leverett says, "We have known for several years as a result of the work of Dr. Handelman, that sealants applied to teeth with newly detected or early caries arrest the decay process. Because the growth of most of the bacteria that spread decay is halted, the need to restore the tooth with a filling may be avoided."

Dr. Leverett and his associates followed 292 Rochester school children in a four-year study that monitored the time and cost-efficiency between the use of sealants and more traditional fillings.

"Although the use of sealants in this instance has been



DENNIS H. LEVERETT

shown to be cost-effective," Dr. Leverett warned, "dentists and patients alike must be aware that this therapy is not suitable for all children with cavities."

The study found that cavities that extend deeply into the dentin, the bone-like material that comprises most of the tooth, are not suited to treatment by sealants. In addition, the study found little advantage in using sealants for patients with no history of cavities.

Dr. Leverett concluded, "It is also wise to remember that deterioration of sealants is always possible. Retention should be checked by a dentist annually, and the sealant reapplied, if necessary."

The study, supported by a grant from the National Caries Program of the National Institute of Dental Research, found that in the children tested, more than 51 percent of the original sealant application was retained after one year, and that over 32 percent was still intact after two years.

Staff News



WALT WEGMAN

Walt Wegman, dental laboratory technician in the Department of Prosthodontics since 1972, retired on December 31, 1982, and was feted at a reception in the Ely Room.

A native of Rochester, he is a graduate of Aquinas Institute. He "attended Niagara University for two years and then went to the old Mechanics Institute (now the Rochester Institute of Technology) for an intensive machine-shop course, and spent a year and a half at Rochester Products before going into the service for three years" during World War II.

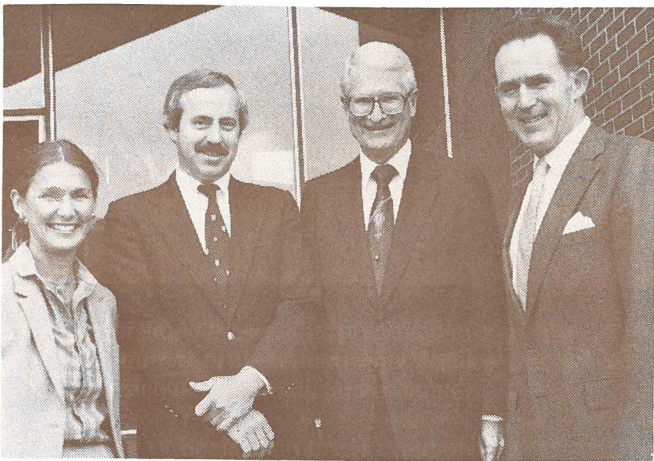
When he was mustered out of the service in 1946, he "saw an ad in the paper for someone to work in a dental lab and applied for the job." Walt stayed in that job for nineteen years. Before coming to EDC, he operated his own lab for six years.

Walt says, "I have enjoyed working at the Dental Center and particularly liked helping new students learn the Center's methods of doing things."

For the past eleven years, Walt has been committed to the Pittsford Volunteer Ambulance. When the organization started service, Walt responded to an advertisement for help. He has worked there "every Monday night for eleven years, and often at other times!" He sat on the board of directors for six years and has served as director of operations, director of training, and driver supervisor. He volunteers at least twenty to twenty-five hours each month.

Walt and his wife, Jane, will be married thirty-six years come July. They have three married children and four grandchildren.

Helmut A. Zander, consultant in Perio, has been appointed special consultant to the assistant executive director for scientific affairs of the American Dental Association and scientist in the Research Institute, American Dental Association Health Foundation.



EDC's ANNUAL GIVING LEADERSHIP. From left to right, Malinda Fischer, director of development; Dr. Gerald N. Graser, chairman of the Department of Prosthodontics; Paul W. Briggs, president of the Board of Trustees; and Dr. William D. McHugh, director. Missing from the picture are Dr. Basil G. Bibby, senior scientist; and Dr. Stanley L. Handelman, chairman of the Department of General Dentistry.

Development

According to **Malinda Fischer**, EDC's director of development, response to the first Annual Giving Campaign has been heartening.

"To date," she says, "the Center has gratefully received charitable gifts in excess of \$20,000 from over one hundred donors." Donors include alumni, trustees, corporations, teaching faculty and senior staff, and friends.

Mrs. Fischer says, "All of us involved in the campaign are particularly appreciative of the gifts from alumni. We know alumni are besieged by valid requests from their colleges and dental schools. We value the fact that our graduates bring a little of the Center to the many communities they serve." Alumni contributions have ranged from \$10 to \$1,000.

A list of all contributors will be published in the summer issue of MOMENTUM.

Alumni News

Hypatia V. Bernardo, Ortho '57, who is in private practice in Manila, visited with Bryant Rossiter, Ph.D., EDC Board member, when he was at a conference in the Phillipines. She is doing well, and "retains a great affection for the Eastman Dental Center."

Laurence Schenk, GenDen '70, in a letter written to Stan Handelman on December 26 says, "My wife Hazel and I have two children, Katie (age 7) and Warren (age 5), and have only yesterday returned from a skiing trip to the Austrian Alps. I still play a lot of tennis, and am also now in training for the next London Marathon in April. Professionally, my practice continues to flourish in Rickmansworth, Hertfordshire, which is, incidentally, quite close to Kodak's English headquarters, and from where I still see a lot of American patients, and in particular Rochesterians. I am also on the panel of the American Dental Society of London."

Lionel Cudzinowski, Pedo '74, writes from Quebec, "My wife, Sandy, gave birth to our son Matthew Ian, on December 24, 1982."

Glenn Clark, GenDen '75, M.S. '76, writes, "Here are some brief notes about things that have happened to me over the last year: I have been appointed acting chair of the Section of Gnathology and Occlusion, UCLA School of Dentistry; I was elected to be secretary-treasurer of the Neuroscience Group of the IADR; I am co-editor of a new book on temporomandibular disorders entitled, 'Abnormal Jaw Mechanics,' published by Quintessence Publishers, Berlin, 1983; my first book, 'Temporomandibular Problems,' also published by Quintessence is quite popular and selling well. It has just recently been translated into Japanese." Glenn was at the Center in September and gave a well-attended continuing education course, "Practical Treatment for the TMJ Pain and Dysfunction Patient."

Viv Booker, GenDen '76, was profiled in the Perth (Australia) Weekend News column on jazz in November. Viv is quoted, "Dentistry is where my chops are (but) music is a very important part of my life!"

Dov Almog, GenDen '78, Prostho '80, stopped in at EDC while he and his wife, Carol, were visiting her family in Pittsford in December. The Almogs live in Tel Aviv, Israel, where Dov is medical director for HILA Institute for Dental Health. He has been in touch with a fair number of alumni and reports that "**Michel Perrier**, GenDen '78, sends his regards to everyone, especially Phyllis



Brunette; that **Terry Blank**, GenDen '78, has just bought a practice; and that both **Jerry Feldman**, Prostho '81, and **Fred Kastenbaum**, GenDen '78, are practicing in New York."

Dov looks very well and says, "The philosophy of HILA's group practice helps the dentist as well as the patient, as there seem to be fewer stresses working in a group. I am hoping to recruit dentists who might like to work in Israel for at least a year." Dov asks that anyone interested in learning more about general or specialty practice, especially perio, in Israel write him at:

HILA Institute for Dental Health, Inc.
2, Ibn Gvirol Street
Tel Aviv 64077, Israel

Annual Report . . .

Continued from page 1

- A new castable glass-ceramic crown material developed by Corning Glass Company has shown promise in clinical trials.
- Studies with artificial caries have shown that propionic and acetic acids are as important as lactic acid. This will help us understand the role of different bacteria in producing caries.
- A sound physico-chemical basis has been established for the synergistic effect of strontium and fluoride in preventing caries.
- Effective solutions for remineralizing carious lesions have been established in the laboratory and clinical testing is planned.

Dr. Odd B. Sveen resigned as chairman of the Department of Pedodontics and took a year's leave of absence. Dr. Steven M. Adair was appointed acting chairman and a search for a new chairman is underway.

A new tenure review process was initiated and seven members of the senior staff were awarded tenure for the maximum possible period of five years. Tenure reviews of other senior staff are in progress.

Finally, J. Wallace Ely has resigned from the Center's Board of Trustees to become a member of its Advisory Council. Mr. Ely has been a member of the Board for twenty-two years and has given unique and splendid service to the Center. As Board president, capital campaign chairman, liaison with the University of Rochester, and counsellor and friend, he has made immense contributions to the Center's programs and progress.



MEMBER PUBLICATION
AMERICAN ASSOCIATION OF DENTAL EDITORS

Deadline for Alumni News 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? _____

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