

MOMENTUM

Volume 13, Number 2

Spring 1988

News & Viewpoints for Eastman Dental Center Alumni & Friends

McHugh assumes IADR presidency

Eastman Dental Center Director William D. McHugh, D.D.S., assumed the office of President of the International Association for Dental Research (IADR) at the Association's annual meeting, held in Montreal, Quebec, Canada, in mid-March.

Dr. McHugh presides over the 8,000 member group, which involves more than 50 countries worldwide, until July, 1989.

The IADR has as its mandate "to promote broadly the advancement of active research in all branches of dentistry."

Director of the Dental Center since 1970, Dr. McHugh holds an additional appointment as associate dean for dental affairs at the University of Rochester School of Medicine and Dentistry. He is also professor of clinical dentistry and of dental research at the School.

Dr. McHugh earned degrees from St. Andrews University Dental School (Scotland) and the Royal College of Surgeons of Edinburgh.

In November, 1987, he was appointed to the National Advisory Dental Research Council of the National Institutes of Health (NIH) by U.S. Secretary of Health and Human Services, Otis R. Bowen, M.D.

Dr. McHugh is an associate editor of the *Journal of the American College of Dentists*, a quarterly publication of innovative ideas and opinions in dentistry. He is also a member of the Board of Overseers of the University of Pennsylvania School of Dental Medicine.

EDC's Smilemobile looks to expand services

The staff of Eastman Dental Center's Smilemobile are smiling a whole lot more, now that fundraising efforts to purchase and equip a second mobile dental unit are well underway.

"More than \$80,000 in support from six Rochester area foundations and local corporations has been received," said Dr. Ronald J. Billings, Smilemobile director and assistant chairman in EDC's Department of Community Dentistry. Total project cost is \$175,000.

Kicking off the special fundraising project, was a \$30,000 challenge grant from the Daisy Marquis Jones Foundation. "This initial grant gave our project the impetus needed to reach the halfway mark in less than five months," said EDC's Director, Dr. William D. McHugh. "Since announcing the challenge, we have received an additional challenge grant from the Gleason Memorial Fund, as well as funding from the Curtice-Burns Pro/Fac Foundation, Davenport-Hatch Foundation, Gannett Foundation, and Pennwalt Corporation Pharmaceutical Division."

The Smilemobile program provides complete dental care to children in schools and daycare centers around the city. Children ages 2-12 are cared for on the present Smilemobile, which is more than 18 years old.

"Children seen on the Smilemobile are among those for whom the need for dental care is greatest," said Dr. Billings. Many

children are from underserved areas of the community. The Smilemobile may visit a school or daycare center for four-eight weeks, depending upon how many children need care."

Smilemobile service began with the Center's present mobile unit — a trailer donated by the Sybron Corporation — in 1970. Additional grants and gifts from the John F. Wegman Foundation and the Monroe County Dental Society were used to outfit the trailer.

In the last 18 years, demand for the Smilemobile's services has increased dramatically and far exceeds what one unit can handle. "The Department of Community Dentistry surveyed 11 public and parochial schools concerning the need for Smilemobile services. The results indicated that many more children need our services than we can readily treat," Dr. Billings explained. "That's why EDC decided to try to expand Smilemobile services with another mobile unit."

More than 1400 children are seen by Smilemobile staff dentists and hygienists. Six schools and eight daycare centers currently use Smilemobile services.

"Children receive complete preventive care, including an exam with x-rays, cleaning, fluoride application, and dental sealants for caries prevention, when needed. Additional services such as fillings and extractions are provided to children who need dental treatment," said Dr. Billings.

Smilemobile services are underwritten by Medicaid, donations from the community, and Dental Center endowment funds.

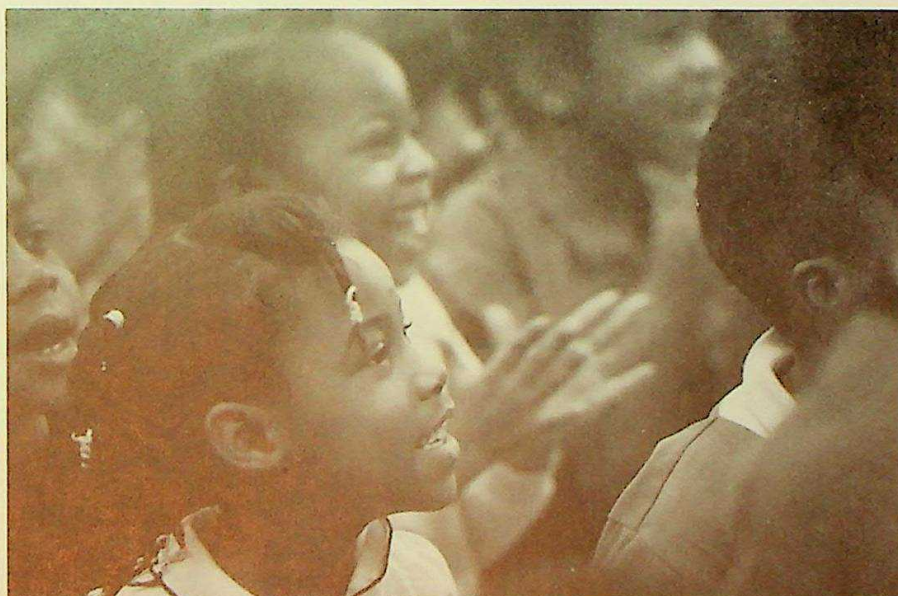


photo by George S. Morgan

Why is this little girl smiling? Would you believe she's having fun with dentistry? See story inside on EDC's dentist-puppeteer, Dr. Howard Schneider.

Current research presented at IADR/AADR sessions

EDC researchers presented their latest findings at the IADR/AADR session, held March 9-13 in Montreal, Canada. For further information about the studies listed below, write to the researchers c/o their departments at Eastman Dental Center, 625 Elmwood Avenue, Rochester, NY 14620.

Steven M. Adair (PED DEN): Dental Fluorosis Among Children in Fluoridated and Non-fluoridated Communities.

Ross Anderson (ORTHO): Magnetic Resonance Temporomandibular Joint Findings in Mediolateral Meniscal Displacements.

Ling Auyeung (PERIO): Periodontal Fiber Attachment and Apical Root Resorption.

Mariane Bafle (PROSTHO): Porosity of Denture Resin Cured by Microwave Energy.

Nicole Barrett (ORAL BIO): Inhibitory Effect of Cheese Component Combinations on Enamel Demineralization *in vitro*.

Izchak Barzilay (PROSTHO): Immediate Implantation of Pure Titanium Implants into Extraction Sockets.

B.G. Bibby (ORAL BIO): Enamel Demineralization by Artificial *Streptococcus mutans* Plaques.

Otis Bouwsma (PERIO): Osteoclast Proliferation in Alveolar Bone After Metronidazole Administration.

Mark Connors (PROSTHO): Bond of Reline/Repair Materials to Heat-Cured Acrylic Resin.

Rose Dastmalchi (PERIO): Cementum Thickness and Mesial Drift.

David P. Durr (PED DEN): Deciduous Enamel Fluoride Uptake From Fluoride-impregnated Floss, *in vitro*.

Arthur D. Eisenberg (ORAL BIO): Association of *S. mutans*, Lactobacilli, and Plaque Index with DMFS or Water Fluoridation.

John D.B. Featherstone (ORAL BIO): Fluoride Dose Response in an *in vitro* Cycling Demineralization/Remineralization Model.

Bryan J. Frantz (PERIO): Cellular and Connective Tissue Responses to Normal Cementum Surfaces After Demineralization Using Tetracycline.

Jean Fu (ORAL BIO): Comparison of SnF₂ and NaF in Remineralization of Root Caries *in vitro*.

Richard E. Glana (ORAL BIO): Organic Acid Production in Subjects with Radiation-

induced Xerostomia.

Patricia M. Gottschalk (PERIO): Alveolar Bone Marrow Spaces and Periodontal Function.

Philip J. Hanes (PERIO '85): Cell and Fiber Attachment to Demineralized Cementum from Periodontitis-affected Root Surfaces.

Dennis H. Leverett (COM DEN): Clinical Trial of a Dentifrice Containing 2,000 ppm Fluoride as Monofluorophosphate.

Roxanne A. Lowenguth (PERIO): Oriented Cell and Fiber Attachment Systems *in vivo*.

Daniel E. MacDonald (PERIO): Orthodontic Treatment on the Reduced Periodontium: Effect on Bone Support.

Sheila A. Mundorff (ORAL BIO): Cariostatic Effect of Fluoridated Sucrose Solution in Rats.

Brian C. O'Connell (PROSTHO): Bond Strength of 4-META Containing Materials to Different Alloys.

Howard M. Proskin (BIOSTAT): Development of a Model for Discriminating Dental Caries Status.

Brian E. Reed (PERIO): Orthodontic Treatment on the Reduced Periodontium: Apical Root Resorption.

Mansour Shariati (ORAL BIO): Resistance of Occlusal Surfaces in an *in vitro* Demineralization/Remineralization Model.

Carol P. Shields (ORAL BIO): Analysis of Lithium, Strontium and Fluoride in Saliva.

Urs E. Zappa (PERIO '85): Progression of Periodontal Tissue Destruction: An Opportunistic Phenomenon.

Domenick T. Zero (ORAL BIO): Intra-oral Comparison of *S. sobrinus* 6715-13 and Its Insoluble Glucan Synthesis-defective Mutant.



photo courtesy IADR/AADR

Newly installed President of the IADR, Dr. William D. McHugh (left) receives congratulations from outgoing President Dr. Roy C. Page of the University of Washington.

EDC successful in recruiting minorities

There was a significant increase in the number of minority applicants seeking admission to Eastman Dental Center and The Genesee Hospital (TGH) general dentistry programs in 1988.

A special effort to recruit qualified minority applicants was initiated in 1987 and jointly administered by EDC's Department of General Dentistry and the Department of Dentistry at The Genesee Hospital.

The minority student recruitment program is part of the Advanced Education Training Grant, a three-year award from the Department of Health and Human Services (HHS). "Both EDC and The Genesee Hospital have a traditional commitment to the recruitment of minorities for advanced training," said Dr. Bejan Iranpour, chief of the Department of Dentistry at The Genesee Hospital. "This grant both enhances and amplifies our ability to attract qualified minority candidates for advanced training."

"The recruitment effort consists of in-person visits to targeted schools of dentistry," said Dr. Stanley L. Handelman, chairman of EDC's Department of General Dentistry. "We developed a slide-tape program and informational brochures, both of which were used during recruitment calls."

Dental schools selected for visitation are those with a large minority student enrollment in their graduating classes.

The intensified recruiting program resulted in a fifty percent increase in minority applicants to EDC and The Genesee Hospital. "From a total applicant pool of more than 130, more than 48 interviews were conducted," said Dr. Handelman. "Approximately 10 of the applicants to EDC and TGH programs were black or Hispanic."

"Past efforts to recruit qualified minority candidates resulted in only an occasional placement. This year, EDC and TGH recruited a total of four individuals," said Dr. Handelman.

"Successful minority recruitment also has an impact on the Rochester area," said Dr. Iranpour. "Students in the advanced training and residency programs spend time at local agencies, including outreach and neighborhood health centers, nursing homes, and organizations for the disabled. A good number of residents and postdoctoral students remain in the Rochester area after completing their training. This may enhance the availability of dental services to underserved neighborhoods and to the community at-large," said Dr. Iranpour.



photo courtesy DSSNY

The late Dr. Michael G. Buonocore was the recipient of the Dental Society of the State of New York Jarvie-Burkhart Medal, the Society's most prestigious award. The medal cites Dr. Buonocore's pioneering work on bonding. DSSNY President Dr. Leslie Seldin made the presentation to Mrs. Myra Buonocore at the General Membership Meeting.

EDC

published by the
Eastman Dental
Center, Rochester,
New York

William D. McHugh, D.D.S., Director
Susan D. Smith, Director of Development and Communications



MEMBER PUBLICATION
AMERICAN ASSOCIATION OF DENTAL EDITORS

Baker receives alumni award of merit

Robert W. Baker, D.D.S., M.S., senior clinician in EDC's Department of Orthodontics since 1959, is the recipient of the Alumni Award of Merit, the highest honor bestowed by the School of Dental Medicine of the University of Pennsylvania.

The Alumni Award of Merit is given annually for outstanding accomplishments in dental medicine and loyal service to the school. It was presented to Dr. Baker on May 13 at a dinner and award ceremony held in Philadelphia.

Dr. Baker received his bachelor's degree from Cornell University in 1948. He then entered the School of Dentistry, University of Pennsylvania, where he received his D.D.S. in 1952. At the University of Illinois, he received training in orthodontics and completed a Master's Degree in 1955.

In September, 1987, Dr. Baker was named a Distinguished Practitioner of the National Academy of Practice; he was one of the first dentist to receive this honor. He is the recipient of the 1987-88 Eastman Dental Center Award for Excellence in Teaching by Part-Time Clinical Faculty. The award was presented at the June 17 commencement ceremony.

He is a Diplomate of the American Board of Orthodontics and a Fellow of both the International and American Colleges of Dentists.

EDC trustee named chemists award winner

Bryant W. Rossiter, Ph.D., president of Viratek, Inc., and Vice President of ICN Pharmaceuticals, Inc., was honored as the most recent recipient of the American Institute of Chemists (AIC) Members and Fellows Lecture Award.

Dr. Rossiter, a member of EDC's Board of Trustees, accepted the award at the Third Chemical Congress of North America, held in Toronto, Canada, in June. He addressed the Congress on the subject of "Chemistry: In Search of Food and Peace."

The award is presented on special occasions when AIC invites a prominent chemist to lecture Members and Fellows on a topic of current professional interest.

We're looking for news-y people

Momentum wants to hear from you. Send us your story ideas for consideration. Or that editorial commentary that you'd like to share with your colleagues and classmates.

We'll look over your submissions and ideas and print those that we feel would be of interest to *Momentum* readers. All manuscript material should be typed double-spaced and should not exceed 500 words. We reserve the right to edit articles to conform to space limitations.

We'll acknowledge all submissions upon receipt and we'll notify you if we use your work. All materials will be returned.

Send your ideas and articles to *Momentum* Editor, Eastman Dental Center, 625 Elmwood Avenue, Rochester, New York 14620.

Annual Giving sets new record

The 1987-88 Annual Giving Campaign is over. And the good news is that a new giving record was set. Even better news: many new donors have joined the effort. The best news of all: alumni givers made possible much of the Campaign's success.

The final total of \$70,194.59 set a new record for gifts received during a single drive, according to 1987-88 Campaign Chairman, Trustee Douglass C. Harvey. "We had 311 donors contribute nearly \$59,000 in cash and pledges," said Mr. Harvey. "Another \$11,800 was received in in-kind support."

New to the Annual Giving Campaign this year were four leadership giving societies, The Friends of EDC (\$100-\$249); The Director's Society (\$250-\$499); EDC Associates (\$500-\$999); and The George Eastman Society (\$1,000 and up). These proved to be popular with donors, with 196 individuals (67 percent) joining one of the four groups.

Some new faces emerged during this Campaign, too. "There were 61 first-time donors," said Mr. Harvey, "and we hope they will continue to support our programs. These new contributors raised more than \$6500. It was gratifying to see that 64 percent of the donors in this group were EDC graduates."

For the first time in the six-year history of the Annual Giving Campaign, participation among EDC's current Board of Trustees reached 100 percent. "When you consider that the average participation rate among trustee boards at academic institutions is less than 20 percent, the achievement of EDC's trustees is truly remarkable," said Mr. Harvey.

In-house faculty and staff participation was high, with more than 88 percent of this group contributing \$7803. This is the largest dollar amount ever raised by this group.

Campaign giving knows no boundaries. EDC donors once again demonstrated the international scope of the Center, with 22 foreign countries and 30 states represented.

Deserving the most accolades is the enthusiastic support of EDC's alumni. "Overall, alumni support shows a marked increase from previous years," said Mr. Harvey. "Twenty-five percent of our alumni came forward and contributed the most money ever in Campaign history. Alumni gave \$20,430 to this Campaign, almost doubling last year's effort."

Leading the way in alumni participation were the Departments of Prosthodontics, General Dentistry, and Orthodontics, with rates of 38 percent, 33 percent, and 32 percent.

The Departments of Orthodontics and General Dentistry raised the most dollars among alumni, \$7315 and \$6215, respectively.

Perhaps the "most improved" alumni group was the Department of Pediatric Dentistry, whose alumni raised \$4475, nearly two-and-one-half times their previous high of \$1800.

The Annual Giving Campaign makes possible student research fellowships, visiting pro-

ships, the purchase of capital equipment, endowment funds, and seed funding for meritorious projects and programs. "Gifts from our alumni, trustees, faculty, staff, and friends ensure the continued existence of EDC's programs in education, research, and patient care," said Mr. Harvey.

Since the first Annual Giving Campaign in 1982, the Center has raised almost \$350,000.

It isn't too soon to think about a gift to the 1988-89 Annual Giving Campaign. If you would like more information about specific EDC projects and how a gift to Annual Giving can make it possible, or wish to make a memorial or commemorative gift through Annual Giving, please contact the Office of Development and Communications. The coupon below makes it simple.

PLEASE NOTE: The EDC Annual Report of Gifts, which will appear in the Winter, 1989 issue of *MOMENTUM*, will list all donors to the 1987-88 Annual Giving Campaign. Look for it in January, 1989.

Annual Giving Information

☐ I'd like more information on EDC's Annual Giving Campaign

☐ I'd like to make a new or additional contribution

☐ I'd like to make a memorial/commemorative gift

Name

Address

City State

Country Zip

☐ Trustee

☐ Friend

☐ Alumni Department

☐ Class Year

☐ Faculty/Staff

☐ Corporation/Vendor

For memorial gifts: Please accept this gift in memory of

For commemorative gifts: This gift is in honor of

Make check payable to Eastman Dental Center Annual Giving. Your gift will be acknowledged. Gifts are tax deductible within the limits of the law. Send to: Office of Development and Communications, Eastman Dental Center, 625 Elmwood Avenue, Rochester, New York 14620.

EDC trustees elect officers

The Eastman Dental Center Board of Trustees recently elected the following officers for 1988:

President:

Max M. Farash, Chairman of the Board and CEO, Farash Construction Corp.

Vice-Presidents:

Elaine P. Wilson, Civic Leader

G. Robert Witmer, Jr., Partner, Nixon, Hargrave, Devans & Doyle

Secretary:

Louis A. Langie, Jr., Vice Chairman and Director, Chase Lincoln First Bank, N.A.

Treasurer:

Phillip Horsley, General Partner, Horsley, Keogh & Associates

G. Robert Witmer was also appointed chairman of the Executive Committee of the Board of Trustees, composed of the officers and the following members:

Thomas H. Gosnell, Chairman of the Board and CEO, The Lawyers Cooperative Publishing Company, Inc.

Herbert W. Jarvis, President and CEO (Retired), Sybron Corp.

Bryant W. Rossiter, Ph.D., President, Viratek, Inc., Costa Mesa, CA

The following individuals were re-appointed to the Board for 1988:

Bruce B. Bates, Vice President, Shearson Lehman Hutton, Inc.

Robert L. Berg, M.D., Albert D. Kaiser Professor and Chairman, Dept. of Preventive, Family, and Rehabilitation Medicine, University of Rochester School of Medicine and Dentistry.

Howard Berman, President and CEO, Blue Cross and Blue Shield of Rochester

Paul W. Briggs, Chairman of the Board and CEO, Rochester Gas and Electric Corp.

Judge Arnold F. Ciccio, Surrogate Court Judge

Janet P. Forbes, Civic Leader

Douglass C. Harvey, Executive Vice President and General Manager, U.S. and Canada Photographic Division, Eastman Kodak Company (Retired)

James T. Henderson, Chairman of the Board, Fred S. James and Co. of New York, Inc., Rochester Division

Robert H. Hurlbut, President, Vari-Care, Inc.

Thomas P. Riley, President, Irving Place Capital and Development Corp.

Wilfred A. Springer, D.D.S., Trustee, American Dental Association

Herbert W. Vanden Brul, Entrepreneur and "Of Counsel", Moussaw, Vigdor, Reeves, Heilbronner and Kroll

Edward T. Wentworth, Jr., D.D.S.

Kay R. Whitmore, President, Eastman Kodak Company



photo by George S. Morgan

Postdoctoral students and dental researchers from EDC and the University of Rochester School of Medicine and Dentistry participated in the Michael G. Buonocore Award Competition in mid-February. Serving as judges for this year's program were (l. to r.) Dr. Dennis H. Leverett, chairman of the Dept. of Community Dentistry, EDC; Dr. William H. Bowen, Welch Professor of Dental Research at the University and Director, Rochester Cariology Center; Dr. John D.B. Featherstone, chairman of the Dept. of Oral Biology, EDC; and Dr. Dennis F. Mangan, assistant professor of dental research at the University. U of R student Dr. Karen Madison is pictured presenting. The Buonocore Award, presented annually by the Rochester Section of the American Association for Dental Research, recognizes meritorious scientific papers. The 1988 winner was Raymond S. Tuttle. A.E. Casiano-Colon was runner-up.

EDC's research has major impact

When it comes to research that packs a punch, Eastman Dental Center ranks right up there with the best.

An assessment of international dental research performance of institutions and countries was conducted by researchers from the National Institute of Dental Research, the University of Maryland, and Georgetown University. Results were presented at the IADR meeting in Montreal in March.

The performance rating was based on the number of 1985 publications appearing in outstanding dental journals, the "potential impact" of articles, and funding sources for published research.

Eastman Dental Center was listed third among "Dental Institutions with Greatest 'Potential Impact' of Articles Published in the 25 Dental Journals in 1985." EDC followed the *Forsyth Dental Center* and *Royal Dental College, Arhus* (Denmark) in the rankings. Ranked after EDC were the *Univ. of Gothenburg* (Sweden), *SUNY Buffalo*, the *Univ. of Helsinki* (Finland), and the *Univ. of Lund* (Sweden).

According to the researchers, "Potential Impact" of an institution represents the projected average number of citations over the next five years of all articles published in the 25 selected dental journals in 1985 by researchers from that institution. Institutions were grouped according to the relation of their 'Potential Impact' value to the mean, plus or minus standard deviation of the entire group of institutions."

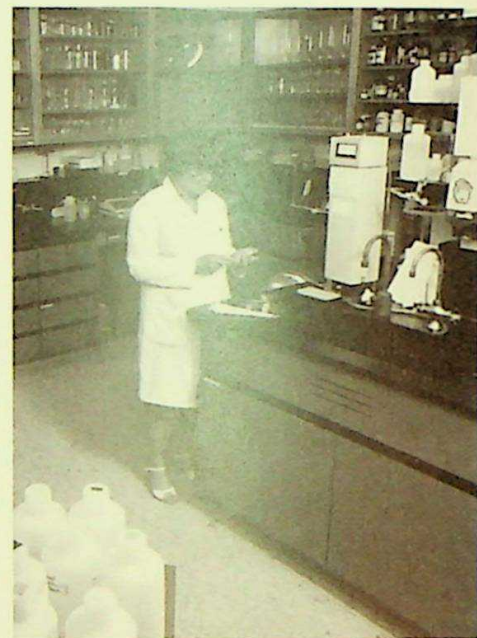


photo by Gene Myers

Have you seen us lately?

The Office of Development and Communications is asking all of our alumni and friends for their assistance in compiling clippings about EDC. If you spot news about EDC in your local newspapers, magazines, or hear about us on radio or see us on TV, we'd like to know about it. Please take a moment to clip out the article or sent us a note about the radio or TV story. Identify the source and date on which the story appeared and send it along to *Momentum*. We'd be grateful for your help.

Review board monitors dental research

Ah, to be engaged in research. The thrill of discovering something new. The exhilaration of confirming results. The excitement when all the pieces click together and you truly understand the *why* and *how* of something. The awe of being able to help someone somewhere.

That's the upbeat side of scientific investigation. What keeps it upbeat are the mostly unsung efforts of a group of individuals charged with evaluating a key part of the research process itself.

At Eastman Dental Center, six people with diverse backgrounds have as their mandate to ensure the rights and welfare of individuals participating in clinical investigations; to make certain that appropriate methods are followed to secure the informed consent of those who have volunteered to be research subjects; and to assess the risks and potential benefits of clinical and basic science research.

"The Institutional Review Board (IRB) enlists the voluntary expertise of people who are interested in the many aspects of how research is conducted," said IRB Chairman, Dr. Dennis H. Leverett.

Dr. Leverett, who is also chairman of EDC's Department of Community Dentistry, explained that institutional review boards are a part of every organization and agency in the U.S. that conducts research and accepts federal money. "IRB's are the result of a federal mandate which was initiated to ameliorate the gross abuses perpetrated upon human subjects in the 1930's - 1950's.

"The abuse of detainees subjected to human experimentation by the Nazis for trivial scientific reasons is one example of why IRB's were formed," said Dr. Leverett. "Regrettably, that is not the only example. Experiments were conducted among men in Tuskegee, Alabama, to determine the effectiveness of heavy metals as a treatment for syphilis. Some men were treated and others were refused any care at all. And in Los Angeles, more than 30 years ago, Mexican-American women took part in a birth control study. Most were not properly informed as to the nature of the study."

These improprieties were reduced considerably when rules were established to protect the rights of subjects participating in federally sponsored research projects. Eventually, these same guidelines were extended to all institutions receiving support from the federal government.

"EDC set up its own Institutional Review Board in the 1970's," said Dr. Leverett. "The board ensures that guidelines for informed written consent are followed by all investigators conducting research that involves human subjects. The IRB also protects study volunteers by evaluating research and making sure that any potential risk to individuals is offset by benefits. In instances where a study demonstrates immediate benefit, the IRB can terminate the study before it is completed to extend that benefit to all."

IRB members possess diverse backgrounds and expertise. All perform their function without compensation. "Some IRB members have expertise in healthcare and science," Dr. Leverett noted, "while others have training in legal affairs, ethics, and the social sciences. At one point, one of our members was a nun."

There are some requirements for the IRB's composition. The Board must include a behavioral scientist, a scientist from the field of dentistry, and a scientist outside the discipline of dentistry. At least one woman must be on the committee (currently, there are two).

EDC research projects that go to the IRB can be approved for one year. An annual

(continued on p. 8)

Meet the IRB

Two dentists, one pediatrician, one social worker, a university professor, and a corporate executive in research.

It isn't the start of a mini-health center, although it could be.

Rather, it's the current members of EDC's Institutional Review Board. They include:

David N. Broadbent, M.D., M.P.H., medical director of the Hearing and Speech Center in Rochester. In addition, Dr. Broadbent is a medical director of the Hilltop Group Home, a division of Monroe Developmental Center, and senior attending pediatrician at The Genesee Hospital. Community activities include the Boy Scouts of America and the Pittsford Ward of The Church of Jesus Christ of Latter-day Saints.

Ruth I. Dawson holds the position of quality assurance officer at Rochester's Convalescent Hospital for Children. She is also field instructor for the Master's in Community Service program at the Univ. of Rochester. Active in a number of community activities, Ms. Dawson serves on the board of the Arnett YMCA and the Community Child Care Center.

Gerald A. Gladstein, Ph.D. is currently professor of education, counseling, family and worklife studies at the Univ. of Rochester. A consultant to numerous Rochester agencies and businesses, Dr. Gladstein has assisted EDC on several occasions, from planning seminars and in-service programs for postgraduate dentists and dental assisting students, to evaluating dentist-patient communication interactions for research purposes.

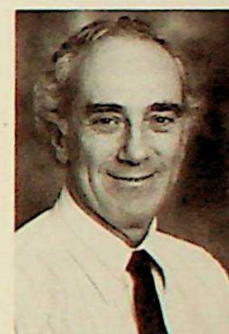
Dr. Bejan Iranpour is chief of the Department of Dentistry at The Genesee Hospital. He also holds appointments at EDC and at the



Dr. David Broadbent



Ruth Dawson



Dr. Gerald Gladstein



Dr. Bejan Iranpour

Univ. of Rochester School of Medicine and Dentistry. An oral and maxillofacial surgeon, Dr. Iranpour is involved in a number of national and international professional dental activities. His teaching and research interests include pain control, TMJ, and the use of computer graphics in orthognathic surgery. Dr. Iranpour is also involved in student recruitment for postgraduate dental education programs.

Dr. Oivind E. Jensen is assistant chairman of the Department of General Dentistry at EDC and also has an appointment in the Univ. of Rochester School of Medicine and Dentistry. He serves on the scientific advisory board of Implant Technologies (Minneapolis, MN), and is a member of the multidisciplinary team of the Hemophilia Center, located at Rochester General Hospital.

Ms. Allison Zack is currently employed at Eastman Kodak Company. Her expertise in managing research activities is extensive, and includes stints at the Univ. of Rochester Medical Center, MIT, Tufts New England Medical Center, Boston University, the Jackson Laboratory for Genetic Research (Bar Harbor,



Dr. Oivind E. Jensen



Allison G. Zack

Maine) The National Institutes of Health, and Roswell Park Memorial Institute for Cancer Research (Buffalo).

Recently retired from the IRB is **Ms. Katherine M. Burnett**. Ms. Burnett is a part-time staff member at Calvary St. Andrew's Parish in Rochester's South Wedge area of the city. She is a social worker, with responsibility for the congregation, nursery school, and families. She has also held positions with the Monroe County Dept. of Social Services and Monroe Developmental Center.

(continued on p. 8)

Alumni News

Andrejs Baumhammers (PERIO, M.S. '65) presented recent continuing education courses on periodontics and periodontal considerations in implant dentistry at EDC, Ohio State University and at Baylor University. Dr. Baumhammers is Professor of Periodontics, the School of Dental Medicine, University of Pittsburgh. In addition, he is a practicing periodontist in South Hills.

Bruce A. Baxter (GEN DEN '76) opened a new office in Bath, New York.

Michael Bender (GEN DEN '87) found an original way to meet the citizens of Jefferson County, Wisconsin, where he practices: he recently coordinated National Children's Dental Health Month for the three communities in the county. In addition to practicing in Fort Atkinson, he serves as advisory dentist for the county nursing home and sees patients in Madison. His wife, Donna, works in their office as hygienist.

John Broker (GEN DEN '86) wants to let his friends know that he and his wife, Peg, now have a child, Laura Margaret, born October 18, 1987.

Martin Curzon (PED DEN '68; former chairman, CARIES RESEARCH) was elected 1988 president of the British Pedodontic Society.

Margaret A. Elliott (PED DEN '79) was inducted as a Fellow of the American College of Dentists on October 9, 1987.

Luis E. Fierro (GEN DEN '86) writes from San Jose, California that he has finished an internship in oral and maxillofacial surgery at Federal University, Rio Grande do Sul, Brazil.

Fatemah Foroozesh (GEN DEN '73, PED DEN '75, M.S. '77, ORTHO '78) writes from Tehran, Iran that her private practice, 9-year-old son Prash, and 5-year-old daughter Banabsheh are thriving. Husband **Mojtaba Vahid (PED DEN '77, M.S. '78)** has a private practice as well as a part-time university faculty position. The family reports that political problems coupled with high inflation make life difficult. They urge friends and classmates to write to them at 311 Miramad Avenue, Tehran, Iran.

Leon F. Gerard (GEN DEN '84) invites EDC alumni traveling near Boca Raton, Florida to stop in at his new office on Golfview Drive.

Els Glatz (GEN DEN '80, ORTHO '83) acquired her German "Doctor" degree in February. On April 2, she married Rolf Noll in her hometown in The Netherlands at a wedding Dr. Glatz describes as "small and enjoyable." Dody Young (former lab tech, ORAL BIO) was there to celebrate with the couple.

Lars Heijl (PERIO '76) is pursuing a rewarding new career in Molndal, Sweden as a member of the toxicology department at AB Hassle Pharmaceutical Company, a subsidiary at ASTRA. He continues his periodontal private practice one day a week and lectures in the Department of Periodontology and the School of Dental Hygiene at the Faculty of Odontology in Goteborg. He and his wife, Yvonne, have two boys, 1½ and 3½ years old.

W. Grant Hennigar, Jr. (GEN DEN '75) was named to the 21st edition of *Who's Who in the East*.

Jaime De Jesus-Vinas (ORTHO '76) has recently joined the 19% of practicing orthodontists in the United States and Canada who are certified as Diplomates of the American Board of Orthodontics. Dr. De Jesus-Vinas practices orthodontics in Hato Rey, Puer-

to Rico. He and his wife, Dianne, have two daughters, Monique and Nicole.

Ing-Marie Johannson (GEN DEN '84) has developed a new interest in farming in Aneby, Sweden.

Philip Joseph (GEN DEN '79, ORTHO '81) writes that his 3-year-old son, Philip Matthew Joseph, looks more like his dad every day.

Michel Kenig (GEN DEN '86) plans to move to San Francisco in July to enter the prosthodontics program at UCSF. He is currently completing work at the University of Minnesota for a Master's in general dentistry with a certificate in geriatric dentistry. As part of his thesis project, he traveled to Monterrey, Mexico to develop surveys analyzing dental and periodontal problems of the elderly in the state of Nuevo Leon.

Fred A. McHugh (ORTHO '72) writes that he has permanently traded snowy weather for the "sunshine and warm hospitality of the South" by opening a private practice in Knoxville, Tennessee.

(continued on p. 8)

On the move? Doing something noteworthy? Tell us about it!

Can we talk? The coupon below makes it simple.

NAME _____

YEAR/SPECIALTY _____

ADDRESS _____

This is a new address, effective: _____

(Please enclose your current address label)

Here's my news/comments: _____

Please note: We try to include as many items as we can in each issue. But our quarterly publication schedule sometimes means that we receive items after the deadline for the next issue has gone by. If your news doesn't appear right away, be on the lookout for it in the very next issue. We enjoy receiving your letters, comments, and latest news. Your photos are also encouraged (black and white preferred).

Mail your submissions to Editor, *Momentum*, Eastman Dental Center, 625 Elmwood Avenue, Rochester, New York 14620.



photo by Roger B. Smith

Dentistry and puppetry go hand-in-hand

He's a fourth-generation alligator who break-dances.

She's fuzzy and yellow and has terrible teeth.

Together, they teach kids the importance of good oral health in the puppet show, "Let's Take A Brush Break."

Created by Dr. Howard Schneider, a first-year student in the Department of Pediatric Dentistry, "Let's Take A Brush Break" was greeted by enthusiastic audiences in Rochester's elementary schools and at EDC during Children's Dental Health Month in February.

"Puppetry is a great way to reach kids," said Dr. Schneider. "They learn while they're having fun and can interact with the puppet characters."

Being a puppeteer has also taught Dr. Schneider a thing or two. "I've become much more comfortable with people and can stand in front of a large audience without experiencing stage fright," Dr. Schneider explained. "It's improved my ability to communicate with children, to understand how kids react and how they view certain situations. Puppetry gives me a kid's-eye view of things."

Dr. Schneider, a Woodbury (Long Island) native, has used puppets since he was a teenager. He began by entertaining at private birthday parties and at the Syosset Public Library. His interest in puppets continued through both his undergraduate years at SUNY Oneonta and dental school at NYU.

"I formed a troupe with my younger brother and sister," said Schneider. "We were known as 'The Trio Puppeteers.' My sister, Karen, helped make the puppets and costumes and she still does that. The rest of my family



photo by George S. Morgan

The Man Behind The Hands: Dr. Schneider and the stars of "Let's Take A Brush Break," Allie Alligator and Dr. Denny.

is involved in the shows, too. My mother helps design the puppet bodies, critiques ideas for new shows, and helps with costuming. My dad designed the original stage. I design all the puppet heads."

During college, Dr. Schneider was performing solo. And by the time he was in dental school, he was scheduling two shows every weekend.

"Interest in my puppet shows grew through word-of-mouth. People would see me at health fairs and dental screenings. The NYU Pediatric Dentistry Department would get calls for me to do after-school programs," Dr. Schneider recalled.

Each of Dr. Schneider's shows follows a basic format: there's a problem that needs to be worked out and the audience helps to find that resolution.

"The dialogue for each show changes, depending upon how kids react," said Dr. Schneider. "Kids may or may not tell the puppets the truth when a question is asked. In 'Let's Take A Brush Break,' for instance, the kids enjoy watching Allie the Alligator, who's rehearsing for a break-dance contest. But he can't find his partner, Penelope. The audience has to coax her to come out of hiding, because she doesn't feel or look good."

When Penelope arrives, the kids see a glaring difference between her yellowed and aching teeth and Allie's shining mouth. "The kids spend the rest of the show telling Penelope how to have nicer teeth; avoid the evil magician, Plaque; and cooperate with Dr. Denny, who can help her learn how to take care of her teeth. It's great — the kids teach the puppets and the puppets reinforce what the kids have learned!" said Dr. Schneider.

Dr. Schneider's proficiency as both a dentist and a puppeteer has not gone unnoticed. In 1986, he received a student achievement award from Dentsply, recognizing his puppet shows and his work with dental health organizations. In that same year, Dr. Schneider received a Preventive Dentistry Scholarship from Warner-Lambert.

For Dr. Schneider, dentistry and puppetry have much in common. "Both are a serious art and craft. Knowing how to restore a tooth or mix a composite filling involves as much art and craft as designing a puppet or coming up with an idea for a show.

"To me, puppetry and dentistry share one other, important trait. They're both enjoyable and fun."



More than 500 children from elementary schools in Rochester and its suburbs learned the ins-and-outs of proper brushing and flossing during Children's Dental Health Month. Programs were conducted by Andrea Pedersen, hygienist and patient advocate, and Dr. Howard Schneider, a student in the Dept. of Pediatric Dentistry.

Alumni News (continued from p. 6)

Stephen M. Miller (GEN DEN '81) is now practicing in a new ultra-modern facility in Pittsburgh. "I love being in the office," he says, "and I look forward to a surprise visit to EDC."

Ernest A. Rider (ORTHO '64), who practices orthodontics in Charlotte, North Carolina, is another alum who has successfully completed the comprehensive examination for certification in orthodontics by the American Board of Orthodontics. He and his wife, Gloria, have 6 children, Cynthia, Stephanie, Steve, Amy, Anjie and Natalie.

Sam J. Rivoli (ORTHO '78) was recently elected Dental Director for the Northwest Hearing and Speech Center on Latona Road, Rochester.

Meta (Schoonheim)-Klein (GEN DEN '74) writes from Amsterdam that she is currently teaching in the general clinic at the ACTA, University of Amsterdam. She recently participated in a successful second opinion project.

Saul Silverstein (GEN DEN '66) is currently attending the University of Pennsylvania to study periodontics.

Hector Vesco (GEN DEN '81, ORTHO '83, M.S. '84), who practices orthodontics full-time in Guatemala City, Guatemala, was recently elected general secretary of the Asociacion de Ortodoncistas de Guatemala. He writes, "Everything has been good to us, here in Guatemala. Private practice has grown a lot, and Leopoldo, our son, is two years old now. We miss everybody at Eastman and Rochester."

Dr. Urs E. Zappa (PERIO '85) has been awarded the Kiwanis Prize for a paper he co-authored with Dr. Alan M. Polson (chairman, PERIO). The experimental work for this paper, *Factors Associated with Occurrence and Reversibility of Connective Tissue Attachment Loss*, was done while Dr. Zappa was a graduate student at EDC and the U of R. The Kiwanis Prize is awarded annually to a graduate of Berne Dental School, Switzerland, and recognizes a significant research study published in a peer-reviewed scientific journal. The paper was published in the March '88 issue of the *Journal of Periodontology*.

Mary D. Zelli (GEN DEN '82, ORTHO '84) plans to buy into a Fredericksburg, Virginia orthodontic partnership at year's end and then will seriously consider becoming a homeowner. She looks forward to seeing many friends at the Ortho reunion this summer.

Review Board (continued from p. 5)

review and detailed report is submitted to the IRB by investigators at the conclusion of the project or if it is to continue beyond the first year.

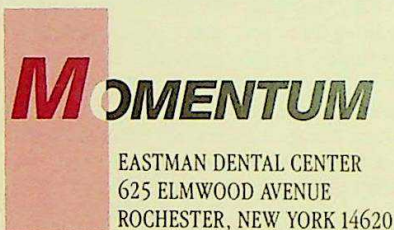
As you can imagine, there are many projects to review and evaluate at EDC, where research frequently involves human subjects. So why would an already busy attorney, psychologist, dentist, or businessperson volunteer to serve on the IRB?

"There's a genuine interest in protecting the rights of those who participate in investigational clinical trials," said Dr. Leverett. "It isn't too difficult for an IRB member to imagine, I'm sure, what it would be like to volunteer for a study. And it isn't difficult to imagine what it would be like if regulations governing informed consent and potential risk versus benefit weren't enforced.

"Abuse in research, whether real or imagined, attracts our attention and our concern."

Meet the IRB (continued from p. 5)

It is with sadness that EDC notes the passing of a long-time IRB member, **Mr. Thomas E. Goldman**. Mr. Goldman was a town justice in Pittsford, NY, as well as a partner in the Rochester law firm of Moussaw, Vigdor, Reeves, Heilbronner and Kroll. A Rochester native, Mr. Goldman devoted a great deal of time to the community, including his service to EDC and the Brighton Volunteer Fire Department.



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