

MOMENTUM

Fall 1991

News & Viewpoints
for Eastman
Dental Center
Alumni & Friends

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AND A WHOLE
LOT MORE!

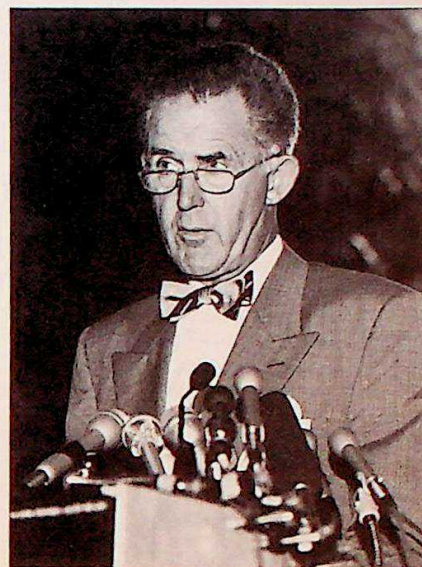
McHugh Heads Prestigious NIH Conference

Dr. William D. McHugh was Conference and Panel Chairperson at the National Institutes of Health's Technology Assessment Conference on the "Effects and Side-Effects of Dental Restorative Materials," held August 26-28, 1991, in Bethesda, Maryland.

The Panel heard expert testimony on all materials, including silver amalgam. Public concern over safety of amalgams was recently stirred up by a "60 Minutes" program aired last December. Following the program, thousands of patients went to their dentists requesting that their amalgam fillings be replaced by other materials.

The broadcast created unnecessary panic by the public and the hope by sufferers from Multiple Sclerosis and other chronic diseases that the replacement of their amalgam fillings would alleviate their symptoms," stated Dr. McHugh. "The conference was an opportunity for experts to examine and evaluate the scientific evidence on the safety and effectiveness of all dental filling materials."

The unanimous conclusion of the panel was that although chewing releases



Dr. McHugh

mercury vapor from amalgam fillings, the amounts are tiny and "do not cause verifiable adverse effects on human beings."

WELCOME BACK!

Thank you to everyone who wrote or called to express their concern about not receiving Momentum for the past year. It's great to know so many people value the publications they receive from EDC.

Now that the Development and Communications Office is up and running again, you can expect regular communication, as well as quarterly issues of Momentum. Please help us update our records by forwarding any information that may have changed about yourself over the past year. In addition, we are hoping you can help us locate the following people:

Abel, Dr. Stephen
Adams, Dr. Roland A.
Algame, Dr. Kumasha
Ambrose, E. R.
Anderson, Mr. and Mrs. Harvey E.
Aronson, Dr. Hayes
Basterra-Alegri, Dr. Sixto
Beidman, Dr. Alan
Belzycki, Dr. Paul
Bhinda, Dr. Survakant V.

Blair, Dr. Dennis A.
Brandte, Dr. Raymond
Brooks, Dr. Phillips W.
Buzzi, Dr. Ralph
Cincotta, Dr. Francis T.
Clark, Mr. James
Cohen, George R.
Comeau, Dr. Jules
Cucci, Dr. Michael

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A CALL TO LEADERSHIP

Dr. Preston A. Littleton, Jr., Executive Director of the American Association of Dental Schools, delivered this year's commencement address urging 1991 graduates of the Eastman Dental Center to assume leadership positions in the future of dental education.

A title under consideration for his address was a newspaper ad that could read, "Wanted: A profession in transition seeks leaders—Eastman graduates encourage to apply". Because of the national and international leadership positions that the graduates of Eastman Dental Center assume, this title is particularly appropriate and Littleton feels it is important that the new Eastman graduates maintain their partnership with dental education.

"I see dental education, which includes both pre-doctoral and advanced dental education and the research activities of these institutions, as playing the critical role in the future of our profession," Littleton remarked.

In his address, Dr. Littleton reminded listeners of the rapid development and constant change of the dental profession, especially since the establishment of the National Institute of Dental Research less than 50 years ago. It was around this time that the former Director of the Eastman Dental Center, Dr. Basil G. Bibby, expanded the role of this institution to include and to link advanced education and research and, thus, for Eastman to serve as a model for the world.

In terms of future advances, Littleton remarked with absolute certainty, "You haven't seen anything yet." He went on to explain his comment with an analogy:

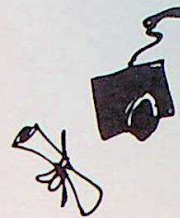
"Picture in your mind a massive earthen dam built over a small creek in the late 1940's. Research achievements and knowledge have been like that stream. Sometimes flowing quickly, other times slowly, but always increasing the depth of water behind the dam. And as earthen dams do, leakage increases as the water rises. Depending upon the rate of the flow, the dammed up water will reach the top rim and overflow but, as earthen dams are also wont to do, at totally unpredictable times there are small and, sometimes, major breakthroughs."

Littleton believes that because of a 40-plus year national investment in dental research, and the education of talented dental researchers and clinicians, the profession will enjoy a quickening and sometimes dramatic increase of advances that will include sophisticated diagnostics, new preventive and restorative technologies, new pharmacologies, and, most importantly, the knowledge needed to address all the diseases and conditions within the scope of dentistry.

Dr. Littleton goes back to his water analogy to describe the dental profession as "a condition of 'permanent white water' or

'permanent turbulence'. In a time and place where there is no turning back— and where great vision is needed to determine where to head and all efforts need to be coordinated in order to reach the desired destination."

Dr. Littleton implored the graduates to help fellow practitioners through these times of transition and to help the dental education community ensure that the profession is able to keep pace with its own future.



EDC SALUTES THE GRADUATES OF 1991

PROSTHODONTICS:

Todd H. Lerner, D.D.S.
Anthanasios I. Vasilas, D.D.S.
Rolando Velasco, D.D.S.

PEDIATRIC DENTISTRY:

Alison M. Harding, B.Ch.D.
Maria L. Meliton, D.M.D.
Anabel Noriega, D.M.D.
Anne C. O'Connell, B. Dent. Sc.
Edward D. Robinson, D.D.S.
Mark A. Singer, D.M.D.
Jay Skolnick, D.M.D.

GENERAL DENTISTRY:

Bruce V. Freeman, D.D.S.
Charles J. Hackett, Jr., D.D.S.
Kleio Kechagia, D.D.S.
Phyllis J. Morgan, D.D.S.
Skakuntla Rajput, D.D.S.
Tomas E. Vilchis, D.D.S.
Andrew W. Zimmerman, D.D.S.

TEMPRO-MANDIBULAR JOINT DISORDERS:

Mark P. Hatala, D.D.S.
Daniel A. Paesani, D.D.S.

SECOND YEAR-GENERAL DENTISTRY:

Odette M. Aguirre, D.D.S.
Mariana P. Levy, D.D.S.
Carter L. Richards, D.D.S.

M.S. (Dental Science) RECIPIENTS:

Sidney H. Stein, D.M.D., M.S.

Ph.D. RECIPIENTS:

Lyndon F. Cooper, D.D.S., Ph.D.
Timothy M. Blieden, D.D.S., Ph.D.

PERIODONTOLOGY:

Carlos R. Quinones, D.M.D.
Timothy M. Blieden, D.D.S., Ph.D.
Sidney H. Stein, D.M.D., M.S.

ORTHODONTICS:

Suzanne Cassata, D.D.S.
Kevin W. Deeney, D.D.S.
Brian G. Graf, D.M.D.
David M. Muench, D.D.S.
Michael E. Spooner, D.D.S.
William D. Ziegler, III, D.M.D.

Ann Goziotis, D.D.S.
Haleh Jafari, D.D.S.
Keeley N. Lawson, D.D.S.
Paula S. Pruitt, D.D.S.
Marcos Vargas, D.D.S.
Thomas S. Vince, D.M.D.

An "A" For Applebaum

In December of 1986, the Senior Staff Executive Committee created an award to recognize the valuable contribution of our part-time faculty to the education of our graduate students. This award is given for "Excellence" in teaching. A term described in the Webster Dictionary as: the quality of being superior, eminently good: first class.

These terms certainly describe the teaching abilities of Dr. E. David Appelbaum, this year's recipient of the Award for Excellence in Teaching by Part-Time Clinical Faculty. Those who have been privileged to know and work with Dr. Appelbaum, know that these terms describe more of this individual than just his professional abilities.

I met with Dr. Appelbaum at his private practice in Brighton. He was very eager to show me the plaque Dr. William McHugh presented to him as a symbol of his teaching award. The plaque, still wrapped in plastic, was waiting to be hung on a wall along side diplomas from the University of Rochester and Tufts University School of Dental Medicine and awards given by The Genesee Hospital for 20 years of significant contribution to the general residency program and a letter of Commendation from the U.S. Naval Reserve for outstanding dental service.

Dr. Appelbaum has obviously not gone unnoticed in the dental community, yet when I asked him why he thought he was selected for this award he humbly replied, "Honestly? I really don't know. I'm not doing anything today that I wasn't doing last year or the year before." I covered the words inscribed on the plaque and asked what the award was in recognition of, Dr. Appelbaum repeated every word to me and then proceeded to name the four previous winners of this award: Drs. J. Edward Gilda, Bejan Iranpour, David Levy and Robert W. Baker, Sr.

Each of these outstanding dentists shares his time and talents with our residents on a part-time clinical basis and frequently spends unscheduled additional time as mentors for special projects. "Part-time faculty members add an interesting dimension to a resident's educational experience," commented Appelbaum.

Part time faculty are important because they expose residents to a variety of beliefs and practices. This challenges residents to re-think the dogmas that they may have learned at their undergraduate dental institutions. Dr. Appelbaum didn't hesitate to answer when asked if his own views were challenged by so many spirited and inquisitive residents. "That's why I'm here! I stay for three main reasons: It's fun, I need to be challenged and I feel an obligation to repay the fine education that I received from part-time faculty both as an undergraduate dental student and a post graduate periodontal student. I am forced to stay abreast of new



techniques and current issues, so that a bright resident doesn't feel dissatisfied with an answer I gave her or him."

At EDC, Dr. Appelbaum teaches clinical periodontics in the Departments of Periodontology and General Dentistry. He also is coordinator of the periodontal section of the General Dental Residency which includes a lecture series given throughout the year in which general dental residents from Strong Memorial Hospital, Rochester General Hospital and The Genesee Hospital also participate. In addition, he is Assistant Professor of Clinical Dentistry at the University of Rochester. He also teaches Clinical Periodontology at the Genesee Hospital and Rochester General Hospital. For the past 20 years he has taught a continuing education participation course for dental hygienists at Monroe Community College. He has served as an officer and/or board member for several professional and community organizations.

David Appelbaum didn't grow up wanting

to be a teacher, yet teaching has always been a part of his life. While an undergrad student at the U of R and as a dental student at Tufts, he taught religious school at the high school level. "I think that's one of the things that attracted me to my wife. She is also a teacher."

Dr. Appelbaum moved back to Rochester with his wife Barbara twenty five years ago and now lives in Brighton. They have three children, one of whom is pursuing a career in medicine and another a career in education with the youngest completing her senior year of high school.

At 53, Dr. Appelbaum has no plans of retiring from either his professional practice or his teaching position, but when he does, it's all or nothing. It's not a matter of teaching or practicing. Most likely it will be both. "For me, success in one depends upon success in the other...I can only hope that the future offers me interesting challenges."

ALUMNI NEWS

Robert Kiem (ORTHO '90) was appointed Director of Undergraduate Studies in Orthodontics in the College of Dentistry at the University of Tennessee.

Mario E. Paz (GEN DEN '84) opened a new practice in Beverly Hills, CA, offering cosmetic and functionally oriented treatment for adults and children with the use of lingual ("Invisible") and traditional braces.

Silvia F. Longo (GEN DEN '89) married Juan Miguel Pane on July 27, 1990 in Buenos Aires. The couple is currently living in Spain and would like everyone to make note of their new address: c/ Costanilla De Santiago, 6,1oDcha.
28013 Madrid
Spain

Marco A.M. Alberts (GEN DEN '80) recently served as a dentist volunteer in Santarem - Para, Brazil on the Amazon River with Rotary International. July 1, 1991 he started a two-year fellowship in Geriatric Dentistry at the University of Florida in Gainesville.

Robert Baker, Jr. (ORTHO '87, Clinical Instructor ORTHO) and Bernice Parisi (GEN DEN '81, ORTHO '89) presented "Current Concepts in Lingual Orthodontics; An American University Perspective" at the Congres International Orthodontie Linguale June 30th and July 1st in Paris, France. They presented seven lingual research projects completed to date at the Eastman Dental Center. Eastman is currently the only graduate facility in the world that has incorporated a full two year lingual orthodontic course into its orthodontic curriculum and continues active research in lingual orthodontics.

Albert Guay (ORTHO '66) has been elected President of the American Cleft Palate-Craniofacial Association. Dr. Guay graduated from the Eastman Dental Center in 1966 and his son, Jeffrey graduated in 1986.

Bruce S. Haskell (ORTHO '75) was honored at the American Association of Orthodontics Annual Meeting in Seattle with the 1990 B.F. and Helen Dewel Award of Distinction designated for the best clinical article to appear in the AJO-DO in a given year. Dr. Haskell, and co-authors Michael L. Day, and William A. Spencer received this award for their article, "Auxiliary Mechanics." The article appeared in two issues of the Journal, Part I in November, 1990 and Part II in December, 1990.

Jack G. Caton, Jr. (PERIO '73) has been elected Trustee from District 7 in the American Academy of Periodontology.

Michael T. Montgomery (GEN DEN '80) was promoted to the rank of Associate Professor with unlimited tenure in the University of Texas Health Science Center at San Antonio. Dr. Montgomery is also Chairman of Hospital Dentistry and Director of their General Practice Residency Program.

Richard R. Ranney (PERIO '68, MS '69) has accepted a position as Dean of the Baltimore College of Dental Surgery at the University of Maryland. Dr. Ranney will be leaving a professorship in the Department of Periodontics at the University of Alabama at Birmingham.

SPREAD THE WORD

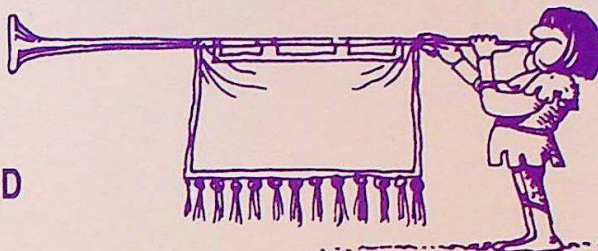
Thomas Van Dyke (Department Chairman, PERIO) has accepted an invitation to serve as a member of the International and Cooperative Projects Study Section, Division of Research Grants of the National Institute of Health. Study section members are selected on the basis of their demonstrated competence and achievement in their scientific discipline as evidenced by the quality of research accomplishments, publications in scientific journals, and other significant scientific activities.

Henry M. Goldman (Pioneer in Dental Education) died July 23, 1991 at Massachusetts General Hospital after an extended illness. He was 79. Dr. Goldman was the founding Dean of Boston University's Goldman School of Graduate Dentistry.

Bejan Iranpour (Sr. Clin. Assoc., GEN DEN) received the Committeeman of the Year Award of the American Association of Oral and Maxillofacial Surgeons (AAOMS) during its 72nd annual meeting September 12-16, 1990. Dr. Iranpour was recognized for his service as a member and chairman of the association's Committee on Scientific Sessions.

John Featherstone (Department Chairman, ORAL BIO) was interviewed in the August, 1990 edition of ACCESS, the magazine of the American Dental Hygienists Association. The article written by Pam Brick discussed the recent controversy over Fluoride and Fluoridation. In addition, Dr. Featherstone was the keynote speaker at the Australia/New Zealand Division Meeting of IADR in Brisbane, Australia and participated in a symposium on salivary function as part of that meeting.

Ellis Bell (Sr. Research Associate, ORAL BIO.) has been awarded an Endowed Professorship at Gustavus Adolphus College, in St. Peter, Minnesota. Dr. Bell and Dr. John Featherstone will continue their collaborative studies on salivary proteins, in particular the crystatin group. The studies will involve the interaction of crystatins at oral surfaces and should lead to an in-depth understanding of the structure-activity relationships of these molecules.



Kevin Crane (Senior dental lab technician, GEN DEN) is planning a continuing education symposium open to all dental lab technicians in Central New York State. The symposium is tentatively planned for early December.

Theresa E. Madden (Clinical Instructor, PERIO) and Peter M. Black (Research Associate, GEN DEN) presented "Psychoneuroimmunology and periodontal disease: Future directions" an invited paper for the Psychoneuroimmunology and Dental Research Ad Hoc Working Group, National Institute for Dental Research (May, 1991).

Phyllis Kravetz (Dental Hygienist, PERIO) retired on Friday, September 13th after thirty-one years with the Eastman Dental Center. All at EDC wish Phyllis the very best in her retirement years. We appreciate the talent and friendship she has shared with us over the years. She will be greatly missed.

Ross Tallents (Clin. Assoc., ORTHO/Sr. Clin. Assoc., PROSTHO) was inducted as a Fellow of the International College of Dentists at its annual convention in Seattle, Washington, on October 4, 1991.

EDC

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New York

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

Linda G. Gillim, Director of Development
and Communications

Teresa A. O'Loughlin, Editor

EDC PURCHASES AN AUTOMATED DEFIBRILLATOR

Each Year, more than 400,000 Americans die suddenly from cardiac arrest and often in areas that lack optimal advanced life support capabilities. The vast majority of these sudden cardiac arrest deaths are due to abnormal heart rhythms called arrhythmias. Traditionally, Cardiopulmonary Resuscitation (CPR) has been the field therapy for cardiac arrest, unfortunately however, survival rates have not exceeded 6%.

In order to provide the highest chance of survival of victims of cardiac arrest, electrical stimulation must be provided within four minutes of the arrest. Defibrillation is the use of an electric shock to terminate ventricular fibrillation and other lethal arrhythmias and allow the heart to re-establish its normal rhythm. Emergency Medical Technicians can save almost one out of every five victims of cardiac arrest if they have been trained to defibrillate on-site. Today, sophisticated Automated Defibrillators are eliminating the human error in interpreting the victim's heart rhythm and causing defibrillation to occur.



Over the past 10-15 years Eastman Dental Center has observed a changing mix of patients. Until the mid 1960's EDC was primarily a children's clinic, but by the late 1970's the majority of the patients were adults. Today, EDC is treating even more adults, especially middle aged and elderly adults with compromised health conditions. It is this group of people who are more susceptible to cardiac arrest when under stress.

In order to ensure the best care for this changing mix of patients, the EDC elected to make the technology of automatic defibrillation available on site by purchasing "Heartstart 3000." It is used to "restart" a heart which has stopped by providing the necessary electrical stimulation. It is only used on a person who is unconscious, breathless and pulseless.

The purchase of this life saving device was recommended by EDC Medical Consultant, Dr. Milton Luria, Professor of Emergency Medicine at the University of Rochester School of Medicine and Dentistry. In addition to Dr. Luria, Dr. Ronald Billings and Sheila Mundorff Shrestha have been instrumental in training, developing protocols for use, and resolving questions regarding safety and risk management issues.

The American Heart Association recommends that all emergency personnel should be trained to operate a defibrillator if their professional activities require that they respond to persons experiencing cardiac arrest.

DO YOU KNOW WHERE THESE PEOPLE ARE?

continued from page 1

Dane, Dr. John
 Dates, Dr. Robert L.
 De Tofful, Dr. Emil
 De French, Mr. Eugene
 DeGabriele, Mr. Anthony
 DeJesus-Abreu, Dr. Jaime
 Di Fuso, Dr. Gerald
 Diab, Dr. Misbah
 Dodd, Dr. Michael J.
 Fink, Dr. Richard A.
 Gaffney, Dr. Donald
 Gerania, Dubert
 Giarrusso, Dr. Richard
 Graf, Dr. Franz
 Greenstine, Dr. Philip
 Griffio, Dr. Salvatore
 Grimes, Dr. William F.
 Hebel, Dr. Kenneth
 Hebel, Kenneth
 Idowu, Dr. Ayodeji T.
 Isaguirre-Fernandez, Dr. Eduardo J.
 Jennings, Dr. Robert G.
 Kaminsky, Dr. Steven
 Kardys, Dr. Edward
 Kildee, Dr. J. Michael

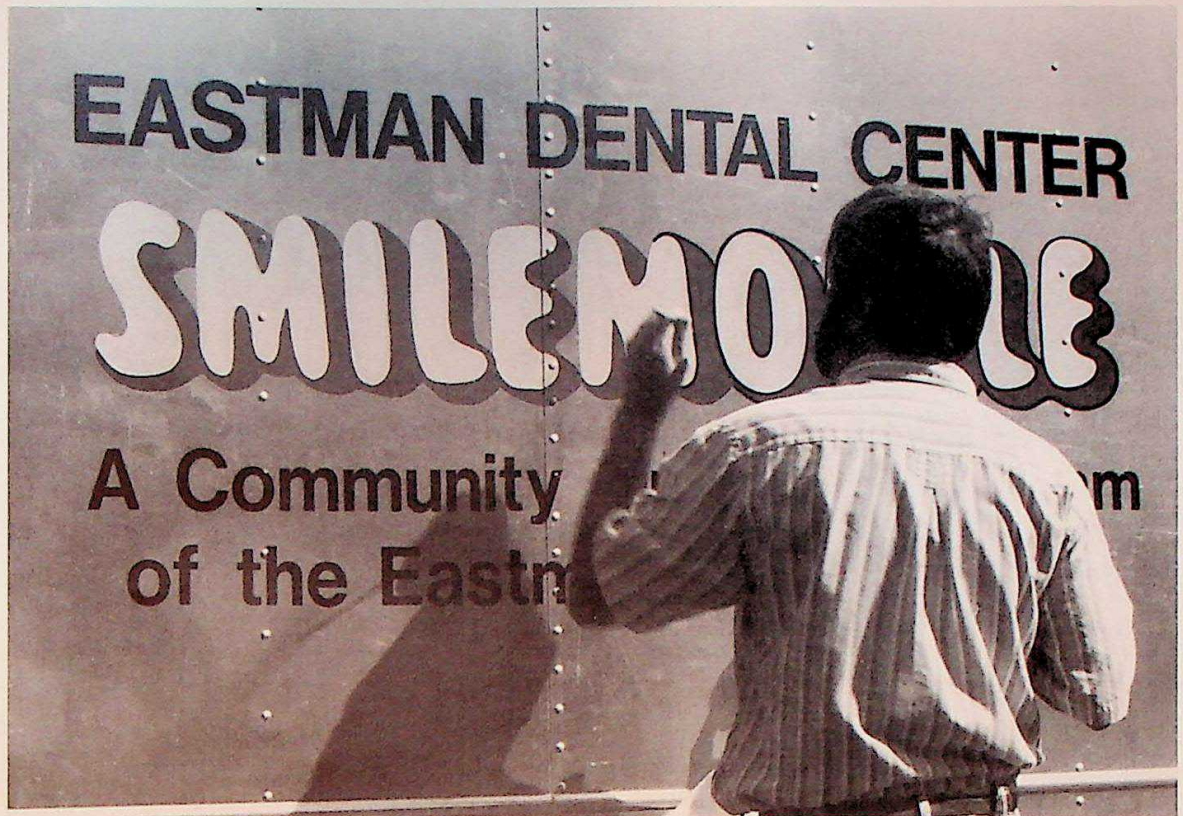


Klinges, Dr. J. F.
 Kohl, Dr. Jacques
 Krueger, Dr. Gary
 Langen, Mr. Martin
 Lazier, Dr. Jeni
 Levinson, Dr. Howard A.
 Levitt, Dr. Steven
 Lobene, Dr. Ralph R.

Magnus, Dr. Stanley C.
 Mancine, Dr. John M.
 Manning, Dr. James B.
 Manno, Dr. D. James
 Marrone, Dr. Michael J.
 McIntyre, Dr. Frederick
 McLanahan, Dr. Robert
 Migliore, Mr. Vincent

Morrin, Dr. John F.
 Nicklaus, Dr. Frank E.
 Nowak, Dr. Martin
 O'Neil, Jr., Dr. William V.
 Oesterlin, Dr. Barbara
 Ogidan, Dr. Olaiya
 Pettit, Dr. Robert C.
 Pleszkoch, Mr. Joseph
 Posek, Dr. Robert J.
 Powell, Dr. Robin
 Quika, Dr. Aldis
 Schnali, Dr. Herbert
 Schrier, Dr. Peter J.
 Silver, Mrs. Morris E.
 Simard, Paul
 Spezio, Leo
 Sweall, Dr. Richard
 Sweeney Dr. Joseph J.
 Valderhaug, Dr. Jakob
 Vitkus, Dr. Robert J.
 Wheeler, Dr. J. H.
 Wood, Dr. Andrew T.
 Yamamoti, Dr. Jaiime
 Yoshida, Dr. Sadahiro
 Zakaria, Dr. Mohsen A.
 Zapata, Dr. Guillermo

The
Second
Smilemobile
Has
Arrived



For 21 years EDC's Smilemobile has served the dental needs of children in Rochester. In recent years, the need has exceeded the capacity of one unit, so a second Smilemobile was ordered.

For many children in Rochester's elementary schools, Smilemobile is the only opportunity to receive dental care. Although most Smilemobile patients have Medicaid, no child is ever turned away because of inability to pay. Those with private insurance, or other options, are referred to private practitioners. Two Smilemobiles will enable the EDC to

cover more city schools and some rural underserved areas.

When power, phone and water are connected, the units become self-contained dental offices. Inside the new unit are two operatories and a laboratory. Most required work can be done within the unit, only occasionally are the children referred to the Center or area dentists for treatment.

Thursday, September 5, was the official dedication of the new Smilemobile II. On behalf of EDC, Dr. Ronald Billings gave special thanks to those people who had

invested so much of their time and energy into making this Smilemobile a reality. He especially thanked the Smilemobile staff: **Diane Bevacqua, Dr. Thomas Bork, Donna Cary, Mary Montanarella, Betsy Polozzi, Dr. Mansour Shariati ('81 GENDEN), Dr. Buddhi Shrestha ('70 PEDO/'70 M.S./'80 Ph.D.), and Dr. Manu Thankrar('82 PEDO).** The formal portion of the ceremony ended after Mary Montanarella had the honor of christening the mobile dental care unit with a bottle of fluoride mouthwash.

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