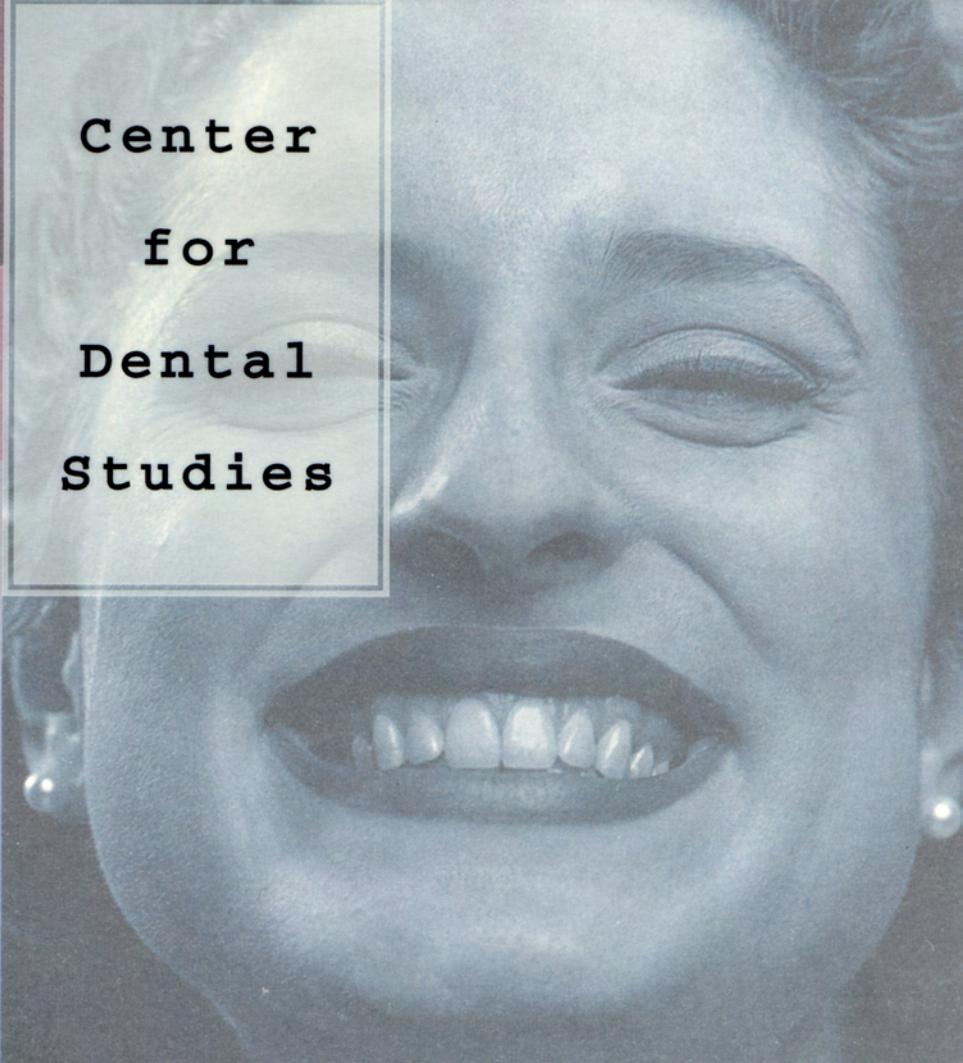
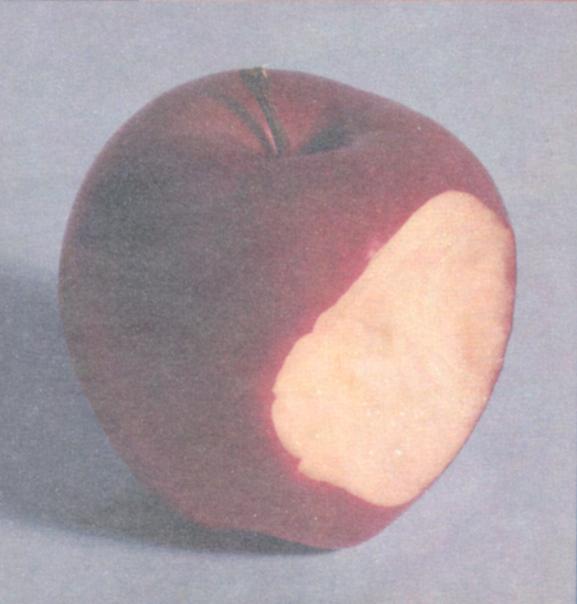


**Center
for
Dental
Studies**





Experience

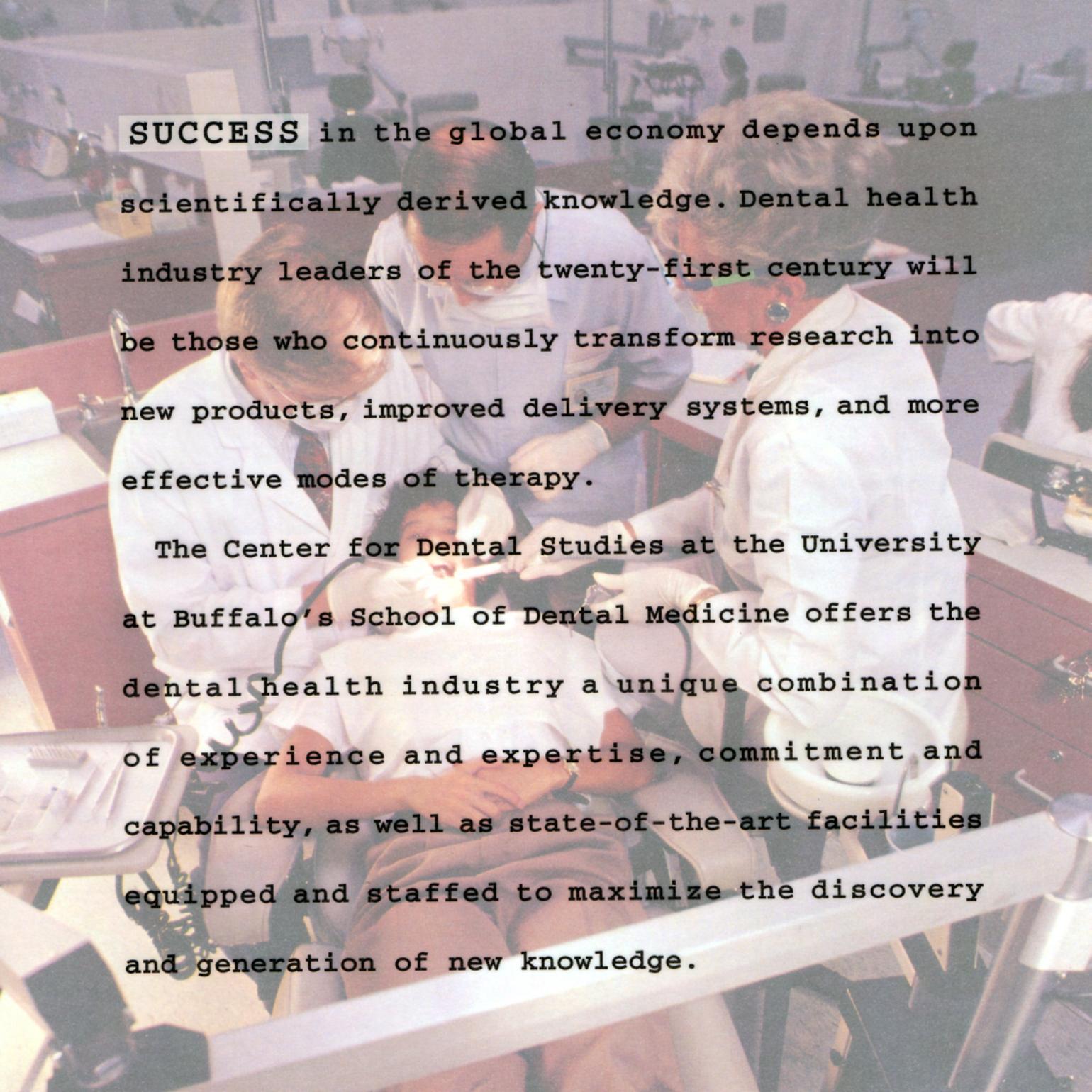
The School of Dental Medicine is recognized both nationally and internationally for its excellence in dental research. With respect to grant and contract awards for research, it is consistently one of the leading dental schools in the United States. In partnership with industry, the school has participated in the introduction of several products for both the dental profession and the general public, ranging from dental materials to topical and systemic medications.

The Center for Dental Studies has a productive and successful history of working with industry. Perhaps the most important strength of the center is its ability to provide comprehensive services, including developing research protocols, performing basic scientific and clinical studies for new product introduction and/or product enhancement, coordinating multi-center research, and facilitating technology transfer to industry.

The Center for Dental Studies has performed research for large and small companies, in the United States and abroad, working with American firms as well as organizations from Japan, Canada, Europe, and the Middle East. Since its establishment in 1988 the center has completed more than \$2.5 million in industry-related projects on contracts ranging from \$10,000 to \$250,000.

Research Setting

The State University of New York at Buffalo is a research-intensive public institution with a one hundred and fifty year heritage of excellence in the medical sciences. The university's Health Sciences Center comprises Schools of Dental Medicine, Health Related Professions, Medicine and Biomedical Sciences, Nursing, and Pharmacy. The proximity of these schools fosters cross-disciplinary research. The Center for Dental Studies has access to facilities and faculty throughout the university.



SUCCESS in the global economy depends upon scientifically derived knowledge. Dental health industry leaders of the twenty-first century will be those who continuously transform research into new products, improved delivery systems, and more effective modes of therapy.

The Center for Dental Studies at the University at Buffalo's School of Dental Medicine offers the dental health industry a unique combination of experience and expertise, commitment and capability, as well as state-of-the-art facilities equipped and staffed to maximize the discovery and generation of new knowledge.

Center Capabilities

State-of-the-art facilities and equipment coupled with cutting-edge technology and a knowledgeable, highly trained, research-dedicated staff enable the Center for Dental Studies to:

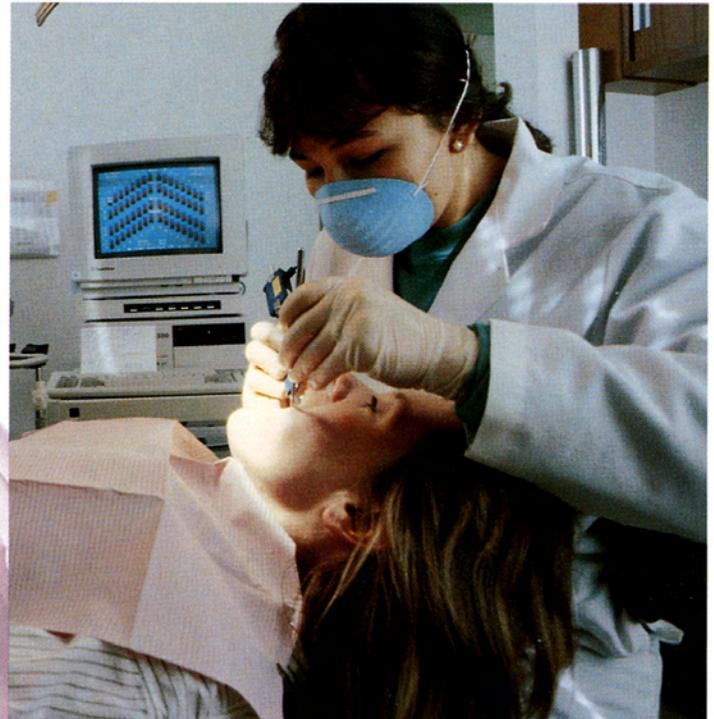
- provide dental product manufacturers with access to technology, education, extensive research facilities, precision measuring devices, informatics, and experienced clinical and basic science researchers;
- offer consultations in professional and public marketing;
- complete research in a timely and professional manner;
- utilize existing successful research programs and experienced professional personnel;
- serve as a liaison between industry and government for jointly supported projects;
- provide advice on FDA submissions;
- respond quickly and efficiently to the dental health-care needs of the public;
- support research efforts to benefit more than one company when co-developed products are evaluated;
- avoid duplication of research facilities, efforts, and resources by university and industry;
- interact with the University at Buffalo's Biomaterials Instrument Center on collaborative projects that include optical imaging, scanning microscopy, and surface spectroscopy; and
- interact with the University at Buffalo's Periodontal Disease Research Center.



Areas of Expertise and Focus

The faculty affiliated with the Center for Dental Studies, which includes national and international leaders in dentistry, comprises general dentists, board-certified specialists, basic scientists in dental-related research, statisticians, and computer specialists. Many center faculty hold M.S. and Ph.D. degrees; several have joint appointments in the University at Buffalo School of Medicine and Biomedical Sciences.

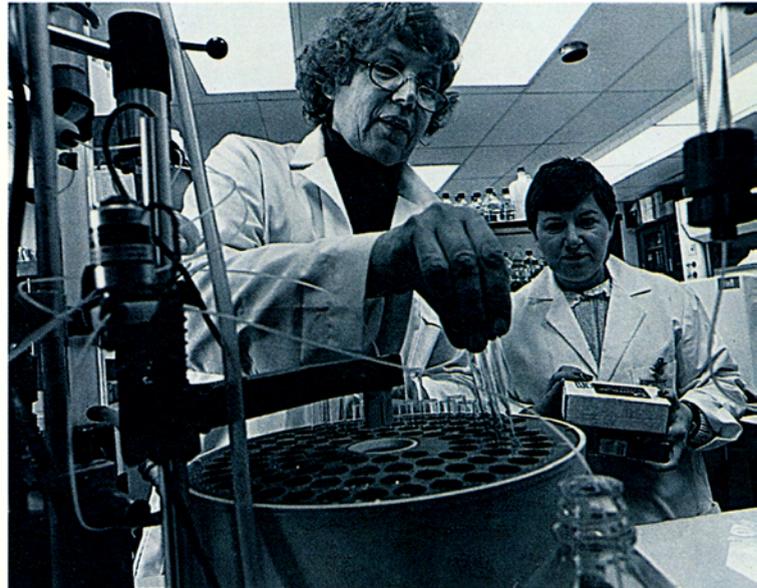
Dr. Sebastian G. Ciancio, professor and chair of the Department of Periodontology and clinical professor in the Department of Pharmacology, is the center's director. Dr. Ciancio has more than twenty years of experience in coordinating basic and clinical research.



The center has research expertise, dedicated staff, and extensive publications in the following areas:

- Animal models of human disease
- Biomaterials
- Breath disorders
- Calcified tissue
- Clinical issues
- Dental pharmaceuticals
- Evaluation and treatment of nerve injury
- Informatics
- Immunology and inflammatory diseases
- Implants
- Lasers in dentistry
- Medically compromised patients
- Microbiology
- Orthodontics
- Oral pathology
- Oro-facial pain
- Oral medicine
- Periodontal therapy
- Photodynamic therapy
- Restorative materials and techniques
- Root surface sensitivity
- Surface characterization of dental material
- Temporomandibular joint dysfunction
- Toxicology

Companies wishing to work with the Center for Dental Studies can take advantage of the expertise of the Research Foundation of the State University of New York and the University at Buffalo Foundation for assistance in research contracts, accounting, and licensing of new technologies developed through joint research.



For More Information

To request further information about the center or to discuss your specific research needs, please contact:

*Dr. Sebastian G. Ciancio
State University of New York at Buffalo
School of Dental Medicine
250 Squire Hall
Buffalo, New York 14214
Telephone: (716) 829-3848
FAX: (716) 837-7623
E-mail: seb_ciancio@sdm.buffalo.edu*

THE PROMISE
FOR TOMORROW IS



State University of New York at Buffalo
School of Dental Medicine

IN THE RESEARCH
OF TODAY