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The Maurice and Gabriella Goldschleger School of Dental Medicine at Tel Aviv University, founded by Alpha Omega, (TAUSDM) recently celebrated its 30th anniversary. The school that was established as a dental institution of pioneering achievements is now, once again, repeating its history. I share with you some of the salient facts of this history:

- The school pioneered the re-training of Russian immigrants in the early 1970’s.
- The school established a special 3-year curriculum for Israelis returning from dental studies abroad.
- The first post-graduate program for foreign students was opened by the school.

This year, we will see three major changes that will define the school and be remembered as a turning point in our evolution:

- Renewing student admissions
- Opening the Gerald and Reesa Niznick Faculty Clinic
- Completing the restructuring of the school’s academic and clinical activities.

The faculty of the school has made great sacrifices to help the restructuring program succeed for which all are grateful. The Gerald and Reesa Niznick Faculty Clinic, to be opened on January 2009, will hopefully turn to be one of the main sources of income to help the school ease some of the budgetary problems. Indeed, the entire faculty has agreed to participate in this endeavor and it is expected to provide comprehensive dental treatment using all the latest techniques and technology.

TAUSDM is widely recognized as a center for community services and patient care. It is likewise an international leader in clinical education, and an innovator in applied research. The school has recently undertaken a cooperative program with Alpha Omega, offering dental care to holocaust survivors. Students in their clinical years, as well as faculty members have volunteered to participate in this worthy and humanitarian project. These activities help us to better serve our University, our students, our patients, and our surrounding community.

On behalf of our faculty and students, I wish once again to thank our Alpha Omega Fraters and friends, world wide, for their time, their effort, their support, and their devotion towards our goal of being the finest facility for education and care for the people of Israel.”
On Monday December 31, 2007 The Maurice and Gabriella Goldschleger School of Dental Medicine held a special event for Fraters who attended the centennial meeting of the Alpha Omega International Dental Fraternity, held at Tel Aviv University. Our 30th anniversary program included a visit to the School, meeting with the faculty and unveiling of the Alpha Omega WALL OF HONOR. The wall is dedicated to honor all Alpha Omega Chapters, Members, and Friends who have supported the Alpha Omega Foundation’s Centennial Endowment Fund Campaign. This was followed by the inauguration of the Students’ Lounge, funded by the Alpha Omega London Trust, and a ground breaking ceremony of the Gerald and Reesa Niznick Faculty Clinics.
A lecture on recent archeological discoveries in Israel was presented by Prof. Israel Finkelstein, a Dan David Prize recipient who lectured on **DAVID AND SOLOMON: BETWEEN HISTORY AND MYTH.** The program was ended with a musical performance of the renowned Contra-Tenor vocalist David D’Or and the Raanana Symphonette Orchestra. Also a classical performance by a string quartet from the Tel Aviv University Academy of Music was heard.
On December 31st some 100 people, most of whom were Alpha Omegans and their family members, gathered together to celebrate the laying of the cornerstone of the Gerald and Reesa Niznick Faculty Clinic. The 10 unit clinic which is located on the school’s entrance floor, is dedicated to faculty interdisciplinary activities, and will provide integrated dental care in all recognized dental specialties.

Two years ago, Dr. Gerald and Reesa Niznick, increased their previous contributions to the Dental School by an additional $500,000 for this purpose. The Alpha Omega International Fraternity agreed to match this amount to enable the construction to go forward within a year.

At the ceremony Prof. Haim Tal, Head of the school said that the Niznick Clinic is another milestone in an over 20 years of the Niznick family’s dedication to dental education in Israel, and continuous support to the TAUSDM. The clinic will enable the school to provide dental care at the highest professional level using the latest technologies. Dr. Gerald Niznick said he is very pleased to be able to continuously support and promote dental education and dental care in the state of Israel in general, and in the dental schools in particular.

Dr. Jerry Niznick’s goals regarding Dental Care and Dental Education in Israel

"My goals are and have always been to support Israeli dental education and quality of care in Israel, by supporting both dental schools and by
bringing high quality, innovative dental implant products to the Israeli market. In addition, I have supported a team of Israeli researchers for the last 4.5 years developing the next generation Image Guided Implant placement system. This system, developed with the assistance of both dental schools, will simplify the accurate placement of dental implants, allowing more dentists to offer these advanced services to their patients.

A delegation of 30 leading dentists from Venezuela visited our school in June 2008. The group asked to examine our curriculum, methods of teaching and equipment used for teaching and research. The members of the delegation which included senior academicians were impressed by what they saw and heard, and especially with our decision to create a four-year DMD program, which will be available to students with a first degree in the life sciences or medical sciences.
A JOINT SYMPOSIUM WITH THE DENTAL FACULTY OF THE MOSCOW STATE UNIVERSITY

On May 28, the Maurice and Gabriela Goldschleger School of Dental Medicine at Tel Aviv University had the pleasure of hosting 60 faculty members from the Moscow State University of Medicine and Dentistry. After a tour of the building and facilities, a joint symposium was held at the Alpha Epsilon Auditorium.

The Moscow University School of Dental Medicine celebrated the 100th Anniversary of the late Prof. Korliandsky, one of the founders of the School, which he directed for several decades. Prof. Korliandsky, described as an outstanding teacher and academician, was famous in Europe during his time. The visit to "The Holy Land" was a tribute in his honor, and "the decision to hold the scientific part of the event at TAUSDM was but a natural decision" said Prof. Igor Lebedenko, Vice Rector and Head of the Prosthodontic Department at Moscow University, speaking as the group leader.

The visitors were welcomed by Prof. Haim Tal, Head of the School. Lectures on recent advances in periodontal therapy and implantology were given by Prof. Haim Tal, Prof. Carlos Nemcovsky, and Dr. Ofer Moses.
The keynote speaker was Prof. J. Andreasen from Denmark, a world authority on traumatic injuries to teeth who spoke on the endodontic surgical and prosthetic aspects of these injuries. Prof. J. Moshonov and Dr. J. Wind from the Hebrew University – Hadassah Faculty of Dentistry and the TAU Dental School respectively, also presented lectures at the Congress.

350 general practitioners and specialists from various areas of dentistry participated in the Congress, successfully organized by the Chair of the Organizing Committee – Dr. Anda Kfir, the Department Coordinator.
After 8 years of Chairmanship of the Department of Endodontology at the Maurice and Gabriela Goldschleger School of Dental Medicine, Prof. Aviad Tamse is replaced by Prof. Zvi Metzger. Prof. Metzger is an endodontist and one of the senior members of our staff. He served as Head of the School from 1987 to 1991.

The Department of Endodontology teaches the undergraduate students, during the 3 clinical years of the undergraduate curriculum. It also runs a graduate program in endodontics with 8 graduate students, and participates in the school’s continuing educations programs for dentists in the community.

Members of the department are involved in research and their work is published in the best scientific journals in endodontics.

The research areas in which the faculty members are involved are: immunology of the periapical tissues, outcome of endodontic treatments, efficacy of root canal filling materials, teaching modalities in endodontics, endodontic surgery and vertical root fractures in endodontically treated teeth.

Recently Prof. Metzger and Prof. Tamse contributed 2 chapters in the important textbook – Ingle’s Endodontics 6 ed.

Prof. Aviad Tamse

Professor Aviad Tamse received his DMD degree from the Hebrew University Hadassah Faculty of Dental Medicine in Jerusalem in 1969, and from 1971 to 1973 he attended the Harvard School of Dental Medicine where he received his endodontic training.

In 1973 he was granted his specialty liscence in endodontics from the Ministry of Health.

Prof. Tamse served twice as the President of the Israel Endodontic Society, Chair of the Endodontic Board Examination Committee of the Israel Dental Association Scientific Committee, and in 1982 was a co-founder of the European Society of Endodontology.

Prof. Tamse authored and co-authored over 80 scientific articles in peer-reviewed journals and 4 chapters in books. He served on the editorial board of the International Endodontic Journal and is a Fellow of the International College of Dentists.

Prof. Tamse’s main research interests are the outcome of endodontic treatments and vertical root fractures in endodontically treated teeth.

Prof. Tamse served as Chair of the Department of Endodontology in the Goldschlager School of Dental Medicine from 2000 to 2008.

Currently Prof. Tamse continues to serve in various committees in the dental school, a member of the Scientific Council of the Israel Dental Association and the Chair of the Accreditation Committee for graduate programs in dentistry of the Israel Dental Association.
In the academic year of 2008, Prof. Israel Kaffe was nominated for the next four years to the Chair of the Department of Oral Pathology and Oral Medicine. Prof. Kaffe is replacing Prof. Amos Buchner, who was the founder of the Department and chaired it ever since the beginning of the school and brought it to its present status, as a famous and prestigious department nationally and internationally. In the year 1997, he was appointed Full Professor in Oral Radiology. Prof. Kaffe served as Head of the Maurice and Gabriela Goldschleger School of Dental Medicine, from 2001 to 2005. He returned to teaching and research activities in the Department of Oral Pathology and Oral Medicine.

After he was appointed Chair of the Department, the specializations in both fields, Oral Pathology and Oral Medicine, were reaccredited and approved by the Academic Council of the Israeli Dental Association and the Ministry of Health. We are sure that the Department will flourish under Prof. Kaffe’s leadership.

**PROMOTIONS AND ACHIEVEMENTS**

### Academic Promotions

- **Dr. Avital Kozlovsky** to Associate Professor in Periodontology.
- **Dr. Malka Ashkenazi** to Senior Lecturer in Pediatric Dentistry.
- **Dr. Joseph Nissan** to Senior Lecturer in Oral Rehabilitation.
- **Dr. Marilena Vered** to Senior Lecturer in Oral Pathology.
- **Dr. Nir Shpak** to Lecturer in Orthodontics.
- **Dr. Noam Yarom**, to Lecturer in Oral Medicine.
- **Dr. Gavriel Gal**, to Clinical Lecturer in Oral Pathology.

### Achievements

- **Prof. Ilana Eli** (Oral Rehabilitation) has been appointed as an Associate Editor for the Journal of Orofacial Pain.
- **Prof. Mark Littner** (Oral Pathology and Oral Medicine) has been elected as a member of the Scientific Committee of the FDI (International Dental Federation).
- **Dr. Raphael Pilo** (Oral Rehabilitation) has been awarded a Fellowship of the Academy of Dental Materials in the annual meeting (Oct 2008, Wurzburg, Germany).
After an intensive year of clinics and exams, which left us five weeks of vacation, rather than going to Thailand and lying on the beach, we decided to go to New-York to take a “universal vacation” at the Columbia University Medical Center – Oral Surgery Department. There we were given an upper or lower surgical tray and the only beach we saw was of the Hudson River seen out the window of the clinic’s seventh floor.

Our schedule started on rounds at 6:30 AM, getting a quick coffee and donut, and going straight into the OR or the department clinics. In the clinics we were extracting, cutting, suturing and doing whatever it took to treat the patients. All this was an amazing educational experience.

One day we got an opportunity to assist in correcting cleft palates, and on another day we assisted in doing a full mouth extractions. It was no vacation, yet it was a most rewarding experience. In the Oral Surgery Department we were guided by Dr. Sidney Eisig (the Head of the Department) and his team.

During our stay, we also had the opportunity to visit the Department of Periodontology and attended very interesting lectures and seminars and observed the clinical activity. There we were supervised by Dr. Fine.

The Professional supervision and guidance we were given in all clinics were most valuable and informative.

We would recommend doing an externship program to any student who wants to learn and gain experience during his/her summer vacation.

P.S Although we were waking before God could find his boots in the morning and coming back home after ‘He’ was too tired to take them off at night, we still went out exploring what the exciting New York City had to offer. After all, what were weekends created for?...

Michael Saminsky, Amir Wolff, and Michal Halperin, 6th year students
Prof. Amos Buchner, D.M.D., M.S.D.

Prof. Amos Buchner has reached retirement after 38 years of dedicated service to the dental school.

Prof. Buchner founded the Department of Oral Pathology and Oral Medicine and was its Chair until the end of 2007. He played a major role in establishing and shaping the Dental School at its early days, as well as the Department of Oral Pathology and Oral Medicine. As a result of his efforts and personal reputation, the School and the Department gained national and international reputation in research, teaching, continuing education and community service.

Prof. Buchner graduated from Hadassah Faculty of Dental Medicine in 1962. Following his postgraduate studies and M.S.D. degree at the University of Washington, Seattle, WA., he was appointed in 1969 to be the Chairman of the Department of Oral Pathology and Oral Medicine at Tel Aviv University, and served in this position until the end of 2007. From 1969-1973 Prof. Buchner was the Director of the Dental Services of the Israel Defense Forces, and during 1975-1992 he headed the Forensic Identification Unit of the Israel Medical Corps. During the years 1980-1987, he served as the Head of the School of Dental Medicine and the Head of the Dental Division in the School of Continuing Medical Education. From 1989 he is the incumbent of the Stein Chair in Oral Pathology.

Prof. Buchner has been a visiting Professor at several leading universities in the U.S.A. He is an author of more than 200 scientific papers in the international literature in the field of Oral Pathology and Oral Medicine. He served as the Editor of the Israel Journal of Dental Medicine and he is on the editorial board and an expert referee of several scientific journals. He is a member of international professional organizations, and serves as a consultant to national and international committees in the field of Oral Pathology and Oral Medicine. In 2007 he was nominated an Honorary Member of the British Society of Oral and Maxillofacial Pathology.

During the years 1992-1995 Prof. Buchner served as the Chairman of the Scientific Council of the Israel Dental Association, and during 1994-2008, he was the Chairman of the Accreditation Committee of the Scientific Council of the Israel Dental Association.
The Zimmer Institute specializes in Carlsbad California & Winterthur Switzerland, and are dedicated to advancing implant dentistry education. "The Zimmer Institute is the preeminent venue in the world for teaching contemporary implant dentistry techniques to clinicians wishing to add implant dentistry to their practice or to expand their current knowledge and capabilities.

The ultimate in hands-on training.
In Winterthur, the lecture hall is adjacent to a 24 station - Carlsbad 26 station - simulated-patient laboratory where participants will experience hands-on instruction. For maximum flexibility, each station comes fully equipped with a computer to reference material, view clinical presentations, use a mobile simulator and a mannequin, plus lab teaching materials and instruments for both surgical and restorative training.

More than a mannequin, a virtual patient.
"In terms of technological sophistication, the surgical mannequins developed for The Zimmer Institute are an astounding leap beyond anything ever used in a dental teaching venue," according to Dr. Fred Bell, Educational and Clinical Advisor for Zimmer Dental. The result of extensive research and refinement, the Institute's models feature soft tissue and "bone" which has both cortical and cancellous layers. The mannequins also have soft tissue-lined sinuses and "wired" inferior alveolar nerves. In addition, the mandible has "fibers" exiting the mental foramen to simulate the mental nerve. Mannequins will provide Zimmer Institute participants with an exceptional level of clinical realism - greatly accelerating their level of confidence when it comes time to work on actual patients.

A distinguished faculty.
The instructors at The Zimmer Institute are as exceptional as the facility itself and are drawn from university faculty, as well as eminent private practitioners from around the world. "The Zimmer Institute faculty and its programs are committed to providing participants with the knowledge, clinical skills and confidence to incorporate the latest in dental implant therapy into their practices," said Dr. Bell.

A level of training to suit any professional goal.
The initial focus of The Zimmer Institute will be on "Level 2" instruction. Level 2 is intensive, simulated-patient training in various aspects of implant dentistry. Generally 3 to 4 days in length, the program is designed to provide the participant with all essential implant skills without requiring a lengthy amount of time away from their practice. The programs at the Institute may also include a practice management component. CE credit will be offered for university-presented programs.

State-of-the-art is an understatement.
Multiple patients are available for training at each station. All simulated patient materials, including radiographs, CT scans and models are patient specific. In addition, both surgical and restorative exercises are performed on mannequins using Tapered Screw-Vent* implants and prosthetic components. Each patient will also have a personal profile that can be incorporated into the practice management component of a course.

The Zimmer Institute Simulated Patient Laboratory offers practitioners the ability to build their competence and confidence through extensive hands-on surgical and restorative exercises, essential for the safe and effective practice of contemporary implant dentistry.

For more information about our products, professional programs and continue education contact/visit us 800-854-70-19 www.zimmerdental.com
MIS is proud to offer virtual implant planning and guided implantology. The advantages of these cutting edge technologies for the clinician and for the patient are immense. Advances in radiology, such as cone beam scanning devices, are able to produce exceptionally accurate images and precise digital data collection.
THE FUTURE IS NOW

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