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MESSAGE FROM THE HEAD OF SCHOOL

After several years of financial crisis, the School of Dental Medicine at TAU is quickly reclaiming its place as a center of excellence worthy of one of Israel's most important universities. With the across-the-board endorsement of the President of TAU, Prof. Joseph Klafter and the TAU Governors, the School is putting into motion a complete renovation and expansion of facilities that had not been upgraded since the 1970’s. In June 2012 the corner stone laying ceremony of the Rothstein - Williamowsky post-graduate clinics took place. The ceremony was held in the presence of the President of TAU, Prof. Klafter, Member of the Knesset Mr. Meir Shitrit, Dr. Ben Williamowsky, members of the TAU Board of Governors, members of the International Advisory Board of the Dental School, Alpha Omegans, Faculty members and many Israeli and international friends. (more about the ceremony on page 8). With the detailed plans for the 2nd floor already completed we look forward to the works starting at the beginning of year 2013. The Alpha Omega International Fraternity and the American Friends of Tel Aviv University, with the support of the Henry Schein Inc., have taken it upon themselves to help us collect the necessary funds to complete this important project. The campaign, presenting the well known truth that “there is no such thing as a simple smile”, was officially launched during the corner stone laying ceremony, and is already receiving extensive support from fraters and friends around the world.

Much is going on at the School. The newly admitted classes of students are already using the new student-faculty lounge. Young enthusiastic MSc and PhD students are occupying the research laboratories. New residents in Prosthodontics, Periodontology, Endodontology, Pediatric Dentistry, Oral Medicine and Orthodontics are learning how to treat the most complicated cases on their way to become the future leaders in their profession. These days we admit 52 new undergraduate students every year, expand our post-graduate studies and train para-dental personnel. We are growing fast from day to day. The "change of guard" at the school is also reflected by the recent installation of five new Heads of Department: Prof. Marilena Vered is the new Head of the Department of Oral Medicine and Oral Pathology since February 2012. Prof. Vered is a specialist in Oral Pathology who completed her post-graduate studies at our Dental School. Prof. Tamar Brosh is the new Head of the Department of Oral Biology. Prof. Brosh is an engineer with a PhD degree and an accomplished researcher in the field of Biotechnology. We have a new Head at the Department of Endodontontology: Dr. Anda Kfir. Dr. Kfir is the first Head of Department who received both her DMD degree and her post-graduate certificate in Endodontontology at our
School. Also a new, distinguished person has joined us this year: Prof. David Kohavi, from the School of Dental Medicine in Jerusalem, who now serves as the new Head of the Department of Oral Rehabilitation. Finally, Prof. Gaby Chauchu, an acclaimed oral and maxillofacial surgeon, is the new Head of the Department of Oral Surgery (more about the new Heads of Departments on pages 21-23)

All the new Heads are bursting with enthusiasm and are already pushing forward new programs and new ideas. We are looking forward to a very interesting and dynamic time!

The School would not have prospered without the help and support of the International Alpha Omega Fraternity, without fraters from around the world who see this School as their own, and are constantly involved in its activity and development. Many are to be thanked. Friends and fraters from around the world who embraced, encouraged, helped and supported us in any possible way, making us feel that we are not alone in our efforts and endeavors, that they share our goals and plans, that they are an inseparable part of our work and that our success is their success. Thank you all!

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SPECIAL CARE FOR CHILDREN WITH CANCER

For the past 15 years, senior dental students from the Maurice and Gabriela Goldschleger School of Dental Medicine participate in a special project aimed to help children suffering from cancer in the Sheba Medical Center at Tel-Hashomer and in the Schneider Children’s Medical Center of Israel.

One of the side effects of chemotherapy in oncology patients is the development of infection (mucositis) and of oral ulcers in the mouth which cause patients unnecessary pain and suffering. The situation is even more serious in children, when the painful oral ulcers prevent them from eating and drinking, and increase the physical and emotional difficulties encountered during treatment.

The project to treat children who suffer from cancer was initiated and organized by Mrs. Miri Dotan of the School’s Research Laboratories, whose son, Yoni, was hospitalized due to cancer at the Schneider Hospital. Luckily, Yoni recovered, and since then, every year, Miri organizes a group of Dental Students from the 5th and 6th years, who arrive to the child oncology wards on a weekly basis and personally instruct every and each child in oral hygiene and preventive measures, which significantly reduce the unpleasant and painful oral side effects of chemotherapy. The students also distribute to the children dental brushes and oral rinses donated by companies such as Colgate and Teva.

All students participating in the project report high commitment and satisfaction. The exposure to sick children and their suffering teaches our future dentists an important lesson: dentistry is not only about the technical ability to perform the perfect restoration. It is also about realizing the importance of the oral cavity for the patient’s wellbeing and the importance of empathy and support to suffering patients. All students report that this experience had a paramount impact on their professional training.

Mrs. Miri Dotan and students at the hospital
It is the policy and mission of the Department of Pediatric Dentistry to get out of the University premises and be involved in the community. They have traditionally integrated this mission into the curriculum of their undergraduate and postgraduate students.

As a part of this mission, the Department of Pediatric Dentistry has initiated a few years ago a "Dental Health Education" project at "Rogozin" school, which is located in the southern part of Tel Aviv. The school, which is managed by Mr. Eli Nehama, is...
a model for integration of children of various origins: there are Israeli children, along with children of foreign workers, immigrant children along with native Israelis. Most children come from low socio-economic environment, broken single-parent families, where mothers leave to work early in the morning and return home late in the evening. During those hours, the children remain at the school premises, with the school serving also as a community center.

The postgraduate students and the senior staff of the Department of Pediatric Dentistry provided dental health education lessons to the children of the second grade via movie presentations, followed by explanations about dental health, the importance of keeping clean teeth, and what a good diet for good dental health is all about. Finally, toothbrushes and toothpastes were distributed, and personal brushing instructions were given to the children.

The workshops, which have enthusiastically been appreciated by the school staff and children, will be annually repeated in the future.

Dear Benny,

On behalf of the students of the Campus and on my own behalf, I would like to thank you for organizing for our students the activity on the subject of dental health.

You managed to engage many of your colleagues in this blessed activity, carried out with much charm and professionalism.

I hope that we will continue to work together for many more years and that jointly we will contribute to the well-being and health of our students.

Yours sincerely,

Eli Nehama

Manager of the Bialik-Rogozin Campus
Dr. Brandstaetter, a graduate of the TAUSDM, initiated an unprecedented cooperation between the Israeli IDF Air Force and our school. During the events of the IDF health awareness month, an oral health and oral hygiene happening was organized in an IDF Air Force base where he serves as a dentist. His initiative was met with enthusiasm by Prof. Pilo, Head of the Curriculum Committee and Prof. Eli, Head of School. The school was enlisted!

Dr. Slutzky, a specialist in Dental Public Health, was assigned to plan and coordinate this unique day together with Captain Dr. Brandstaetter and Major Dr. Zadik, from the IDF Air Force. All teaching and activities were put aside for one day, and all dental students from the fifth and sixth years, as well as students from the dental hygienist program, were called to arrive to the Air Force base and carry out this labor of love. In the best tradition and precision of the Israeli Air Force all the base personnel, with no difference of rank, position or gender, arrived to a designated place in carefully planned time-schedule. Students were asked to concentrate...
on teaching and instructing soldiers and officers in the principles of oral hygiene. Each and every soldier met with a student for a personal 20 minutes encounter of oral care instructions following which s/he received a toothbrush. The event was a great success. All in all, over 600 soldiers received dental hygiene instructions that day. Our students were exposed to a unique experience which enabled them to learn from personal experience some of the basics of community health principles. The IDF Air Force soldiers, notwithstanding their rank and position, received a valuable information and praised the efficacy of the personal encounter, so much more effective than another boring lecture…
In June 2012 we celebrated a happy moment at the Dental School - the Corner Stone Laying of the Rothstein-Williamowsky Post-graduate Clinics. The ceremony was held in the presence of President of TAU, Prof. Klafter, Member of the Knesset, Mr. Meir Shitrit, Dr. Ben Williamowsky, members of the TAU Board of Governors and of the International Advisory Board of the Dental School, Alpha Omegans, Faculty and many Israeli and international friends. The occasion symbolized more than anything the rejuvenation of our beloved Dental School. After several difficult years the School is quickly developing. No more dealing with the past, we turn our plans and aspirations to the future. The new postgraduate clinics will be located over two floors. One floor will include an Advanced Dental Care Clinic. In the clinic dentists from all around the country will continue their postgraduate specialization studies in the various fields of advanced dental care (oral rehabilitation, periodontics, endodontology) and will provide expert specialty treatment to patients from all of the Tel Aviv area. Modern treatment rooms, with the latest up-to-date dental technology will be occupied by the best of the young dentists in Israel. In the other floor, a Special Care Clinic will be built, in which children and patients with special needs will be treated. The clinic will include an operating theater in which children and adults can be treated under sedation or general anesthesia. The new Post-graduate Clinics are named after two great Alpha Omegans and our devoted friends and supporters: Ben Williamowsky and the late Ralph Rothstein. Ben and Ralph devoted a lifetime to the Dental School at Tel Aviv.
University. Working together as a perfect team they actively participated in the TAU Board of Governors, were, (as Ben still is), members of the Dental School International Advisory Board, run campaigns, and were deeply involved in everything that is happening here. Ralph and Ben’s heritage is carried on today by a group of great friends who help us to make the dream of the Rothstein-Wiliamowsky dream come true: the AO Foundation, American Friends of Tel Aviv University, the Henry Schein Co. and many, many others who help us build the new modern postgraduate clinics which will contribute greatly both to the level of the future dentists in Israel as well as to the dental health of underprivileged populations.
The "White coat" ceremony is a symbolic ritual for the fourth year student who take the big step forward to the desired goal of the "dental chair". The first thing that comes to mind when thinking about the "white coat" is the purity and cleanliness attached to it, the ethics and the manner in which we must treat our patient. A health care provider has the duty to care for all those who surround him: patients, staff members as well as the dental setting he works in. 

As part of this year’s ceremony we had the pleasure of hosting Mr. Tzvika Israeli from the "Green Light" Association who introduced the association and it’s core values. The association’s purpose is to increase awareness and to stress the importance of safe driving mainly for young drivers, with emphasis on the subject of "alcohol and driving". The presenter gave a broad review of road accidents in general, as well as alcohol related ones in particular. The presentation was fascinating and left a deep impression.

To our fourth year dental students, receiving their first white coat symbolizes one of the first and most exciting steps of their career, a day on which they are reminded that with great knowledge comes also great responsibly.

Blachash Shahar
Head of the Tel – Aviv Chapter
Alpha Omega Fraternity
Alpha-Bio Tec congratulates Tel Aviv University faculty for its contribution to promoting basic and clinical research in the field of dental implantology.

Alpha-Bio Tec is looking forward to extend its collaboration with the university’s academic staff by supporting innovative ideas, promoting scientific excellence and empowering the next generation of dentists.
COLLABORATIONS

In October 2012, the Maurice and Gabriela Goldschleger School of Dental Medicine at the Tel Aviv University and the University Paul Sabatier – Toulouse III in Toulouse (France) proudly agreed to sign an agreement to promote collaboration between their respective universities.

The negotiations began last summer, when a delegation of members of the University Paul Sabatier and members of Alpha Omega Toulouse visited TAUSDM.

The official declaration took place in October 12 in Toulouse and was organized by the Toulouse Chapter of Alpha Omega: Dr. Laurent Elbez (the present President), Dr. Michel Knafo, Dr. Laure Guedj-Amsellem, Prof. Kathy Nabet and Dr. Philippe Kemoun. Prof. Benny Peretz, Head of the International Liaison Committee at the TAUSDM represented our school during the declaration of the agreement and the celebrations of the 50th years of twinning between the cities of Toulouse and Tel Aviv. The ceremony took place in the beautiful reception reception room in the City Hall of Toulouse, where the Mayor of Tel Aviv, Mr. Ron Huldai and Mr. Pierre Cohen confirmed the twin city agreement.

Both Mr. Cohen and Mr. Huldai, as well as the Dean of the Dental Faculty at the University Paul Sabtier Prof. Michel Sixou, and the Alpha Omega members of Toulouse, received the pin of TAUSDM from Prof. Peretz. Mr. Eric Crubezy, who is in-charge of the International Relations and Mr. Michel Attiogbé, the responsible for administrative affairs in the University of Toulouse were also present. Later, the members of Alpha Omega celebrated the collaboration agreement with lunch at Dr. Laure Guedj-Amsellem’s house.
Mr. Ron Huldai, Mayor of Tel Aviv receiving the TAUSDM pin from Prof. Peretz

From right to left: Dr. Michel Knafo, Prof. Kathy Nabet, Prof. Peretz, Dr. Laure Guedj-Amsellem, Dr. Laurent Elbez.

At Dr. Guedj-Amsellem’s house. From right: Dr. Guedj-Amsellem, Dr. Elbez, Prof. Nabet, Prof. Peretz, Dr. Amsellem (Dr. Laure Guedj-Amsellem’s husband), Father of Dr. Guedj-Amsellem, Dr. Kemoun, Mrs. Kemoun, friend of Dr. Nabet and Dr. Knafo.
ADMINISTRATIVE STAFF ACTIVITIES

The administrative staff is taking a major role in operating the school current activities such as: teaching, research, student management system, maintenance, assisting and supporting the clinical activities.

We are trying to encourage, inspire and motivate the staff for excellency and efficiency.

During Passover celebration, we distributed certificates to three outstanding workers for their admirable job. Selected employees for this year were:

- Ilana Zehavi - dental assistant
- Shala Cohen - Bookkeeper
- Vardit Shreberk - X-ray technician

Furthermore, once a year we arrange for an educational trip. It is a one day trip of fun, visiting places and people that are not visited as often and having lunch together.

This year we visited the "Port of Ashdod", the Famous dairy Factory "Tnuva" and the "Center of Bedouin Culture" where we had an authentic Bedouin lunch.

The enlightened atmosphere among the staff when getting together outside of the University, benefits us all and increases motivation just by getting out of the ordinary daily routines and obligations.

Written by Haim Naor, Administrative Director
Administrative staff at the day trip
On February 2012 an open day event was held for all those candidates considering studying dentistry in the coming year. The Maurice & Gabriela Goldshleger Dental School participated in this event for the second consecutive time, after the school was formally reopened for admission of undergraduate students in the years to come.

The event attracted hundreds of potential candidates, from all over the country. A formal gathering of interested candidates was held in the main lecture hall. The academic syllabus of dental studies and research was presented.

This was followed by a number of short presentations by leading tutors, namely: Professor Ilana Eli (Head of Dental School), Professor Raphael Pilo (Chairman of the Curriculum Committee), Professor Benjamin Peretz (Chairman of Student Admission Committee), Professor Myron Weinreb (Chairman of the Research Committee & Director of Research Laboratories), Dr Ephraim Winocur (Chairman of the Committee for Students Affairs). In addition Gil Ben Itzhak (3rd year student), Ahmed Abd Elhadi (6th year student), and Dr Rachel Sarid (post-graduate orthodontic resident student) offered short presentations regarding the academic programmes of the Dental School.

The day was completed by a guided tour of the Dental School, presenting clinical work stations and research laboratories.
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2013 NYU SPEAKERS

ALESSANDRO AGNANI, DDS
Private Practice, Molinara and Sasselli, Italy
Faculty Member, European Academy of Aesthetic Dentistry

FRANCISCO MARCHESEI DIAS, DDS
Associate Professor, University of Sao Paulo, Brazil

STEPHEN CHU, DDS, MS, CDT
Clinical Assistant Professor, University of Florida College of Dentistry

ANDREA APERGI, DDS
Private Practice, Italy

ANDREAS KESSELENI, DDS, MMD, FAAD
Chairman of the Department of Prosthodontics, University of Florida, USA

PHILIPPE OLIVEIRA, DDS
Associate Professor, University of Sao Paulo, Brazil

SONNI SHUKLA, DDS, MS, MRE
Associate Professor, University of Michigan, USA

HUGH MCGOWAN, DDS, MSc, FICDRC
Associate Professor, University of Sydney, Australia

DAVID GABER, DDS
Professor, University of Florida, USA

EDGAR E. CHAIR, DDS, MS
Clinical Professor, University of Michigan, USA

ROBERTO MIRAL, DDS, MS
Clinical Professor, University of Florida, USA

PENNIE H. K. WONG, DDS, MS, PhD
Assistant Professor, University of Florida College of Dentistry

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There are moments in the history of an organization, any organization, which constitute the major pillars of its development and have contributed in a significant fashion to its current shape and form. The founding of the Dental School, the completion of the newer building, the establishment and growth of the Alpha Omega Research Laboratories, and the shift to a six-year teaching program are some obvious examples at TAUSDM. During 5-6 years, however, a dark shadow has been cast over these achievements, threatening to be another (though painful) such moment, when the University seriously considered closing the school down for financial reasons. After a long and agonizing struggle, this intention is gone forever, and the school "reopened" its gates for new students.

While we naturally rejoice this development, we need to focus our attention on the future and make efforts to secure the teaching and research in our school. As part of a research university, faculty members of the TAUSDM are constantly involved in a wide range of dental research areas. Most notable among these are:

- Stem cell biology and bone tissue regeneration
- Skeletal and oral manifestations of systemic diseases
- Innovative treatments (both pharmacological and surgical) for periodontal diseases
- Mechanisms and diagnosis of various oral lesions and cancers
- Mechanical and anti-bacterial properties of dental materials
- Techniques to improve the success of dental implants
- Development of novel endodontic equipment and working methods

The quality of research conducted at TAUSDM is well reflected in a long array of publications that have appeared in the leading dental and biological journals over the past decades, and, as the school resumed its full activities, there is hope that this display of excellence and breadth will continue. However, there are a few issues that may interfere with a further growth and strengthening of TAUSDM research.

First and foremost, many of the senior researchers of the school are expected to retire within a few years and leave a serious professional and leadership gap behind. Not only might this reduce the cumulative clinical and teaching experience of the faculty, but it might also diminish the number and strength of the research groups within the school. To overcome the gap and fortify the quality of research, school must first recruit younger, yet experienced clinical (D.M.D. / D.D.S. level) members into the different departments so that they can gradually accumulate the required know-how and confidence to lead the way. Also, the scope and quality of basic research depends on the existence, within the faculty, of several Ph.D. level members that will be free of clinical obligations and enhance this kind of research and help its integration into the clinical modalities. It is the duty of the Tel-Aviv University to recruit several of these members into TAUSDM to keep the level of excellence that has been achieved. Since it takes a few years for these new members to "grow and mature", it is now the time to shift gears into a recruitment mode and ensure a continuum. Lastly, plans to renovate the research laboratories have to be have to be drawn so that new and up-to-date equipment can be introduced.
The Clinic of Behavioral Sciences at the Maurice and Gabriela Goldshleger School of Dental Medicine is unique in Israel. Here an integrative medico – psychological approach is being applied to treat patients suffering from various oro- related behavioral dysfunctions, especially dental anxiety and excessive gagging. The unit is also responsible for the education of students, dentists and dental hygienists in the area of psychology, behavioral sciences and clinical hypnosis. Each student has to be present in at least one appointment where an interview and/or a treatment is being performed. The faculty working at the Clinic includes dentists trained in cognitive behavioral approaches and clinical hypnosis, who treat patients arriving from all over the country. The medico – psychological approach is often applied also in conjunction with conscious sedation by Nitrous Oxide.

Dr. Nir Uziel, a highly experienced dental hypnotist both leads the Clinic's multidisciplinary team, teaching students and graduate dentists, and conducts complex research which combines psychology and dentistry with behavioral sciences. (see page 20)

The dental team of the Clinic includes: Dr. Evelyn Weshler, an outstanding teacher, who is in charge of the course of the 4th year dental students and Dr. Rosi Waisman who works with dental phobic patients.

Dr. Joseph Meyerson, an experienced and highly estimated clinical psychologist, joined the team recently. Dr. Meyerson is the Past President of the Israeli Society of Hypnosis

Last but not least: the dental assistant - Ms. Hilda Golroch whose commitment to the Clinics' patients is boundless and an inseparable part of the Clinics' activity.
Prof. Haim Tal, Head of the Department of Periodontology and Dental Implantology and Incumbent of the Gerald Niznick of Implant Dentistry has recently edited a book entitled "Bone Regeneration". "Bone is a specialized connective tissue", says Prof. Tal. "It is most prominently characterized by its mineralized organic matrix that imparts the physical properties that allow bone tissue to resist load, to support functional organs, and to protect highly sensitive body parts. Bone loss and bone damage may occur as a result of genetic conditions, infectious diseases, tumours, and trauma. Bone healing and repair, involves integrative activity of native tissues and living cells, and lends itself to the incorporation of naturally derived or biocompatible synthetic scaffolds, aimed at replacing missing or damaged osseous tissues. There are several modalities of bone regeneration including tissue engineering, guided bone regeneration, distraction osteogenesis, and bone grafting. This book concentrates on such procedures that may well be counted among the recent outstanding breakthroughs in bone regenerative therapy."

**SEXUAL MEDICINE & DENTISTRY**

**NEW RESEARCH**

Research collaboration with the Sexual Medicine Center, Sheba Medical Center, Tel-Hashomer and the clinic of Behavioral medicine at the School of Dental Medicine at Tel Aviv University, concerning possible sexual correlates of dental anxiety and gagging. Resulted intriguing findings. The results show that higher gagging reflex can be associated with problems in sexual penetration and history of sexual abuse in women, especially one that included vaginal penetration. Future research is underway to explore this interesting field.

For details: Dr. Nir Uziel
niruzi@post.tau.ac.il
CHANGING OF THE GUARDS

NEW HEADS OF DEPARTMENTS

DEPARTMENT OF ENDODONTOLOGY

Anda Kfir, DMD
Head of Department

Dr Anda Kfir graduated from the Goldschleger School of Dental Medicine (1979) where she also attended the Graduate Program in Endodontics (1982-1986). She is on the faculty of the Department of Endodontontology at Tel Aviv University since 1985 and served as the Department Coordinator for many years (2003-2012).
Currently, Dr Anda Kfir serves as the new head of the Department of Endodontontology at Tel-Aviv University.

Dr Kfir was a member of the National Board of Endodontics from 2003-2008 and again since 2010 and served as the Chair of the Israeli Endodontic Society (2007-2009).

Dr Kfir has published many scientific papers and chapters and presented in national and international endodontic conferences.

Dr. Amir Weissman serves as the Department Coordinator
DEPARTMENT OF ORAL REHABILITATION

Prof. David Kohavi
Head of Department

Professor David Kohavi joined the Maurice and Gabriela Goldschleger School of Dental Medicine in October 2012 as Head of the Department of Oral Rehabilitation. Prof. Kohavi is a graduate of the School of Dental Medicine at the Hebrew University of Jerusalem. He took is graduate studies in Periodontal-Prosthesis and Periodontics at the University of Pennsylvania, Philadelphia.

In 1981-1986 he established and directed the specialization program in Prosthodontics at the Hebrew University. In 1986 he returned to the University of Pennsylvania to join the Oral Implant Team as well as the Department of Biomaterials, where he investigated the principles of guided bone regeneration.

In 1990 he established the undergraduate teaching program in Oral Implantology at the Dental Faculty of the Hebrew University. From 1990 to 2010 he directed the Oral Implant Center at Hadassah-Hebrew University. Prof. Kohavi organized and presented courses and symposia in the clinical and scientific aspects of Oral Implantology. He lectured extensively in national as well as in international conferences.

Prof. Kohavi and his team has been investigating the interface between biomaterials and host tissues. His research focuses on the plasma protein adsorption to surfaces of different implant materials. Another aspect of the research focuses on improving the mechanical strength of osteoporotic bone using anabolic drugs.

Dr. Ephraim Winocur serves as the Department Coordinator

DEPARTMENT OF ORAL PATHOLOGY AND ORAL MEDICINE

Prof. Marilena Vered
Head of Department

Prof. Marilena Vered is a specialist in oral pathology and has been on the staff of the Department of Oral Pathology and Oral Medicine since 2001. She has participated in all departmental activities, including lecturing, biopsy service, tutoring DMD and post-graduate students and serving as the director of the Oral Pathology residency program.

Prof. Vered was recently elected as a member of the Scientific Council of the Israeli Dental Association and as the Head of the Committee for Residency in Oral Pathology. She has published over 60 research articles in leading international journals in the field of oral pathology and oral oncology.

Prof. Vered is actively involved in the multifaceted research programs of the department, and recently began conducting an international collaboration research project on new nanotechnology-based therapies for oral cancer. Her goals are to raise the current standards of both teaching and research in the different disciplines of the department by revitalizing the clinics and by upgrading the postgraduate programs for the specialty of oral medicine and the specialty of oral pathology.

Dr. Shoshana Reiter serves as the Department Coordinator
DEPARTMENT OF ORAL & MAXILLOFACIAL SURGERY

Prof. Gabi Chausho
Head of Department

Prof. Chausho is a Graduate of the Hebrew University School of Dentistry, Jerusalem, in the framework of the Military Academic Reserve Unit. He completed his specialization in maxillo-facial surgery at the Sheba Tel Hashomer Medical Center. Trained in trauma and maxillo-facial reconstruction at the Jackson Memorial hospital in Miami, USA, 2010-2011. Directed the maxillo-facial unit at the Tel Aviv Medical Center in 2002-2006. Directed the "Oral Health and Dental Implants Center" at Assaf HaroFe Medical Center 2006-2011. Since 2011 directs the maxillo-facial surgery department at the Rabin Medical Center, Beilinson Campus. Published over 100 articles in journals in Israel and abroad. Past Chairman of the Maxillo-Facial Association, Deputy Chairman of the Implant Supported Dentistry Association. Member of the professional committee for determination of the handicap sections in the maxillo-facial line at the National Health Insurance. Member of the National Council of the Israeli Dental Association. Member of the scientific committee of the Israeli Dental Association. Fields of research, specialization and comprehensive main interests- dental implants, bone augmentation for widening the atrophic alveolar crest, sinus lift, maxillo-facial surgery in the orthodontic service, trauma and maxillo-facial reconstruction, use of growth factors and stem cells for bone creation, post-operative morbidity, use of saliva for diagnostic purposes. He lectures extensively on these subjects in Israel and abroad.

Dr. Yifat Manor serves as the Department Coordinator

DEPARTMENT OF ORAL BIOLOGY

Prof. Tamar Brosh, PhD
Head of Department

Prof. Brosh is an engineer graduated from the Technion, Haifa and received her MSc and PhD degrees from the Faculty of Engineering, Tel Aviv University. She holds an academic position in Dental Biotechnology and for over 20 years has been a member of the academic staff at our school. She established and developed the field including the laboratory of Biomechanics in Dentistry in our school, and lectures this topic to DMD and senior students, especially in Orthodontics. She also lectures in courses of Continuing Medical Education at the School of Medicine and Faculty of Engineering. Her research includes topics in dental materials, dental restorations, biomechanics in orthodontics and orthopedics. She supervises DMD, MSc and PhD students; Her studies are done in cooperation with clinical researchers from different departments from our school, other faculties, as well as other universities in Israel. She has published more than 65 research articles in leading international journals. She served as the president of the Israeli division of the International Association of Dental Research. Lately, she developed a new program for undergraduate studies towards the degree in Science in Dentistry that has to been approved by the TAU authorities. Prof. Brosh intends to enlarge the research activity of the Department of Oral Biology and attempts to focus on recruiting new academic staff members that will be capable to supervise more postgraduate research students.
OUTSTANDING TEACHER!

The Rector’s Outstanding Lecturer Award is the highest award for excellence in academic teaching awarded by the Tel Aviv University. This year this prestigious award was granted to one of our most devoted teachers: Dr. Ephraim Winocur.

Dr. Winocur is a most loved teacher who continuously receives the highest students’ evaluations every year. His endless patience and devotion to students is well known by many generations of dentists who keep praising him years after graduation from the Dental School. Always creative in his teaching methods, always ready to spend more time with a student facing a difficulty, always supportive of students’ needs, Dr. Winocur is one of the main cores of our School. Thank you Ephraim!

Dr. Ephraim Winocur receiving the Rector Annual Award for Excellency

Appointments and Promotions

• **Prof. Carlos Nemcovsky** received the degree of Full Professor in Periodontology.

• **Prof. Marilena Verd** received the degree of Associate Professor in Oral Pathology.

• **Prof. Jossi Nissan** received the degree of Associate Professor in Oral Rehabilitation.

• **Dr. Igor Tsesis** received the degree of Senior Lecturer in Endodontology.
The International Association of Oral Pathologists (IAOP) elected to award the distinguished Honorary Life Membership to Prof. Dan Dayan, emeritus from the Department of Oral Pathology and Oral Medicine, at the recent 16th International Congress on Oral Pathology and Oral Medicine that took place in Sao Pedro, Brazil, August 2012. This is the highest award conferred by the Association to distinguished oral pathologists who have made outstanding contributions of international significance to the field of oral pathology and medicine.

Prof. Dayan retired in 2007 when ALS limited his physical abilities, but he has nevertheless continued to conduct research at his characteristically high levels of excellence and also actively tutors DMD and PhD students. In the last year, he conducted a major research project aimed at elucidating the pathways of molecular biology in oral cancer. This was done in collaboration with Prof. Marilena Vered, the new Head of the Department of Oral Pathology and Oral Medicine, and with distinguished researchers from Europe and the USA. The results of Prof. Dayan's recent studies have gained a wide international recognition and were accepted for publication in top international scientific journals, including *Nature Reviews Cancer*. Concurrently, he continues to be an active member of the editorial board of *Oral Oncology*. Our congratulations and best wishes for more triumphs for many years to come!
Recently, several faculty members, and members of the School’s administrative staff, have retired after years of productive and fruitful work. We all thank you all for your devotion and contribution to our School and wish you many more years of health and happiness!

Faculty members:

- **Prof. Mark Littner** – former member of the Department of Oral Pathology and Oral Medicine
- **Prof. Shlomo Calderon** – former Head of the Department of Oral Surgery
- **Dr. Erica Amir** – former Coordinator of the Department of Pediatric Dentistry
- **Dr. Arye Driangel** – former member of the Department of Periodontology
- **Dr. Beny Bar-Gil** – former member of the Department of Oral Medicine and Oral Pathology

Administrative staff:

- Mrs. Ora Millerstein
- Mrs. Shoshana Cordova
- Mrs. Marta Lichter
- Mrs. Nira Orgil
- Mr. Itzhak Levi

A few months ago, with deep sorrow, we lost a dear colleague and friend, Dr. Ofer Mardinger.

Dr. Mardinger was an important person in the Department of Oral Surgery at our School. He was a talented surgeon with high professional skills, and performed his work with proficiency.

Dr. Mardinger started his medical studies at the University of Beersheba and continued them at our Dental School. Following his graduation, he specialized in Oral and Maxillofacial Surgery at the Sheba Medical Center. His friends remember him as a brilliant student who loved his profession. He began his professional career as a senior doctor at the Oral and Maxillofacial Department of the Meir Hospital and at the same time started to teach at the University of Tel-Aviv. Throughout his years in practice Dr. Mardinger served the department with dedication, and in 2011 he received the degree of Senior Lecturer in Oral and Maxillofacial Surgery.

Dr. Mardinger had a pioneer spirit. He was full of new ideas and plans to improve and provide top quality care. He served on the teaching staff with great dedication. The number of D.M.D. theses that he was involved in is proof of his commitment to the students and his eagerness to share his knowledge with them. He was loved and very much appreciated both by his students and his colleagues.

Ofer had a warm and pleasant personality. He was a true family man, a devoted husband, father and son.

Unfortunately, Dr. Mardinger left us when he was at the peak of his career. His untimely loss has left a big emptiness among us. We will always remember him as an outstanding doctor and a beloved friend…
NEW EDUCATIONAL PROGRAM

For many years students started their dental studies only at the end of their third academic year and were surprised to learn what dentistry is all about.

This year, we opened our gates to first year students, offering many new ideas and plans. A new educational program, which has been approved by the curriculum committee, offers an introductory course of dental science and oral health to freshmen students at our school. From day one, the goal of the course is to introduce first year students to their senior student colleagues and to the teaching staff, and to give them a sense of the different aspects of dentistry.

The students love the new course. They reported feeling a real "team spirit" coming to the dental school, getting acquainted with senior dental students and becoming regular residents of the new students/teachers lounge. They were glad to learn about dentistry. To some of them this was the first time they realized the true meaning of studying dental medicine.

Symbolically, the semester ended on the day of Tu Bishevat, the national day of planting trees, symbolizing that just as we take care of our seeds and plants, the School should look after its young dental students so that they will blossom into skilful dentists.
The Department of Periodontology and Dental Implantology has recently turned the post graduate course, leading towards a specialty certificate in Periodontics, into a full time program. The new intensive syllabus will enable us to qualify twice the number of students at a given period of time, and in addition meet the requirements of the European Federation of Periodontology (EFP) for a full European recognition and accreditation.

Prof. Haim Tal, Head of the Department and incumbent of the Gerald Niznick Chair of Implant Dentistry, and Prof. Zvi Artzi, the Director of Graduate Periodontics Program have recently initiated the process leading for the approval of such accreditation. Upon completion of this process, we plan to open registration of foreign students, mainly, but not only, from Europe, said Profs. Tal and Artzi.

For details:
Prof. Haim Tal: talhaim@post.tau.ac.il
Prof. Zvi Artzi: zviartzi@post.tau.ac.il

SPECIAL THANKS

A new anesthesia machine in the Department of Pediatric Dentistry

In the picture: From right: Mrs. Isa Lior, Prof. Benny Peretz, Prof. Ilana Eli, Dr. Rodika Kahana with the new machine
THE DEPARTMENT OF ORTHODONTICS

The Department of Orthodontics is celebrating two events this year; it’s 40’s anniversary and the graduation of the 7th class of the "International Postgraduate Program". The international program was inaugurated in 1993, and since then 70 students, both Israelis and International students have graduated from the 3.5 year long program. Highly qualified students have come to our department from places such as Argentina, Australia, Bulgaria, Cyprus, England, France, Germany, Greece, Holland, Italy, Luxemburg, Mexico, Portugal, and Thailand. Lectures are conducted in English and upon completion of all requirements each student earns a Diploma in Orthodontics and Master in Orthodontics. Since 2006, a 5-6 year academic track was added to the program, leading to MSc or PhD. On February 24, 2012 the graduation ceremony of the 7th class took place. It was graced by the presence of ambassadors from Cyprus, Greece and Portugal. The key-note speakers of the event were Prof. Zachrisson from Norway and Dr. Toreskog from Sweden. This ceremony marked a special milestone for the department since it included the first student to graduate the PhD academic track (Orthodontic Diploma +PhD). The department is very proud to provide orthodontic care to special-need groups such as Ethiopian immigrants, as well as to work with welfare organizations such as "Lotus-child care program" and "Simcha and Mazor". The Department of Orthodontics at TAU is one of the leading departments in orthodontic research worldwide. An abundance of studies have been published in leading dental research journals, with ongoing research being an integral aspect of our curriculum. The department has received several prestige international and national grants and conducts multi-centered international studies with several overseas universities.

Prof. Alexander Vardimon:
andyva@post.tau.ac.il
Head, Department of Orthodontics.

A new anesthesia machine was donated to the Department of Pediatric Dentistry and the School of Dental Medicine at the TAU. The machine was donated by Mrs. Isa Lior, in memory of her husband Yaakov-Zvi. The new machine is highly advanced, and puts the Department of Pediatric Dentistry and the School of Dental Medicine in the cutting edge of capabilities in general anesthesia for dental patients.
During the month of March 2012, the two Dental schools (The Hebrew University and Tel Aviv University) sent several delegates to represent these two academic institutions by shuttle diplomacy to several cities in France. The tour was perfectly organized by Dr. Andre Amiach.

The Tel Aviv University was represented by the Head of the Dental School, Prof. Ilana Eli, Prof. Zvi Artzi from the Department of Periodontology and Dental Implantology and Dr. Yankel Gabet from the Department of Anatomy and Anthropology.

The trip started in Marseilles, then Lyon and ended in Paris with tremendous success. Prof. Eli brought greetings from the School and reviewed the recent achievements and developments in our school and future forecast. Prof. Artzi and Dr. Gabet, presented the recent developments in research and in clinical innovations regarding bone research and surgical modalities in Oral Rehabilitation.

The French Jewish community in general, and the dental profession in particular, extended a warm welcome and were excited by this event which has become a tradition.

A return visit took place a month later. The Jewish French Doctors, headed by Dr. Andre Amiach and Dr. Patrick Palacci, held a Scientific Day at the School.

Dr. Palacci presented an informative and constructive study day on Implant Dentistry from his 25 years of experience. This warm and friendly collaboration between the University and our professional community in the Diaspora, will create an important and continual relationship, as well as mutual support.
PRESIDENTIAL VISIT

Last November we were honored to host two wonderful friends and supporters at our School: The International President of the Alpha Omega Fraternity, Dr. Michael Spector and his lovely wife Dr. Wendy Spector. Michel and Wendy visited the Dental School, met with faculty and students. They were happy to see that the construction works of the Rothstein-Williamowsky Postgraduate clinics (2nd floor) are about to start. The Spectors visited the AO Research Laboratories and showed great enthusiasm about the School’s rejuvenation and future plans. Having friends like Michael and Wendy with us, even for a limited time, showed us again how strong and passionate are the bonds between Alpha Omega and Israel in general, and the Dental School in Tel Aviv, in particular. Thank you, Michael and Wendy, for your friendship and support. We are looking forward to your next visit in Israel!
MEETING WITH FRIENDS

Dr. Michel Touittu - France

Dr. Alen Vinegar - Toronto

Belgium A.O Chapter

All the way from Mexico; from L to R Prof. Orteza, Prof. Eli, Prof. Pitaro

Albert Fessel, Euro Regent A.O International Dental Fraternity & Ms. Edith Fastman with Prof. Eli
MEETING WITH FRIENDS

A delegation from France

Visit of Dr. Mel Schwarts and wife from Montreal and Prof. Eli

Visit of Mark & Suzy Margolin Zurich AO Chapter

From L to R: Dr. Arav, Dr. Renne Arav, Dr. Uziel Prof. Eli
GRADUATING DENTAL SCHOOL

BY SHARON AGAR-ZOIZNER

Highlights from the graduating students spokesman’s speech:

“About eight years ago we ventured into the bastion of the faculty of medicine for the first time. Our position was rather uncertain – part dental students - part medical science students, in any case: students at the start of a long trail, which today comes to the end we had longed for... graduation and the start of life as caretaking dentists.

The pre-clinical years were pleasant – together with our medical brothers – without distinction of religion, race, sex or target organ, we enjoyed an exceptional and special atmosphere of togetherness, sharing the same class. This resulted in many joyful activities: collecting clothes for the needy, operating a summer camp for children of the north of the country during Lebanon War II, community singing at hospitals during the religious holidays, study-year corner and a prosperous forum.

And then followed the clinical years at the dental school. In addition to intensive theoretical studies, we finally started to work with our hands (!!!) and for the first time we actually learned the essence of the dental profession. At the end of the 4th year we were rushed to the clinics to receive patients and carry out procedures in people’s mouths! It may sound a natural process, but it is not so simple! And again, merely by the way – the tongue is the enemy of the State – and the saliva is without any doubt its weapon.

In close and intensive work we had the privilege to learn the professional practice from outstanding doctors who gave of their time to share with the future generation. We truly appreciate this and are grateful to our teachers who accompanied, demonstrated, explained, explained again, approved and pointed out each and every stage in our work....
It is hard to break with tradition and to speak as the representative of the dental school without raising the banner of battle -- it is almost impossible -- so I will just mention in brief that the Faculty of Dentistry is alive, kicking and biting -- has many new students each year, carries out research, publishes, operates specialist clinics, doctors, students and there is much more to come.

Dentistry is a broad and varied profession -- since I started to work, each day I discover how happy and content I am with my choice of profession.

These days dentistry requires team work with specialists in various fields, the profession allows for close and sincere relations with patients, requires creativity, thought, aspiration to perfectionism and aesthetics, updating and a straight conscience!!!

Thanks to all the heads of the dental faculty in the past and of course in the present -- thanks to all the heads of departments, the teachers, the instructors, the volunteers, the dental assistants, the secretaries, receptionists, the lab team, the storage team, the house manager and cleaning personnel -- I hope I did not forget any category … all of you together turned the faculty into a second home to all of us -- as a matter of fact, a sort of family.

There are three more wonderful last people I must mention:

The first -- my dear grandfather -- alas, since a month ago I can only speak of him in the past -- who accompanied me all the way and attended all the ceremonies -- very proud -- what a pity that the very last one he had to miss . . .

The second is my wonderful husband, who accompanies me from even before I started to study -- to me he is the past, present and future - always supportive, loving and making sure everything falls into proportion . . .

And the third is my little son -- who came into my life a week ago -- and seems to have conquered the entire future already!

Success to all of us and thanks!
Soon after the Corner Stone Laying Ceremony – detailed plans for construction of the Rothstein-Williamowsky postgraduate clinics have been laid out. The clinics will be located over two floors: one floor will be dedicated to the treatment of **Special Needs** patients. This floor will not only provide a much needed and often difficult to find treatment option for children and adults with physical and emotional disabilities, but will also serve as a center to train hundreds of specialists and will serve as a premier center of education in this specialty for the entire Middle East.

Another floor will be a multi-specialty **Advanced Dental Care** clinic, consisting of an advanced endodontology unit, an advanced restorative unit, and an advanced periodontology unit. The clinic will help train generations of the best practitioners in dental medicine, to ensure that all of Israel’s citizens - Jews, Arabs and Christians can gain access to a most needed specialty care and fill a huge void.

The construction works of the advanced dental care clinic are starting these very days. Plan to visit us and you will be able to see the progress in action! Pretty soon, new modern dental operatories will be occupied by the best of the dental graduates in Israel, providing treatment to the most complex dental cases.
In the last minute- missiles over our School

Just as this Newsletter is being sent to the printer new clouds have gathered over Israel – this time the clouds of hostile missiles aimed at Tel Aviv from Gaza. Although we have experienced a similar situation during the 1st Gulf War, when Iraqi missiles hit Tel Aviv and its vicinity, it is never trivial or pleasant. Yet, it is clear to us that we must go on and activity at the School continues as usual. With one ear alert to the voice of possible sirens and part of the thoughts concentrated on the nearest "safe area" - teaching, research and work goes on. Let's hope for better, calmer and more peaceful days for Israel and the entire region.

Faculty, staff and students gathering at the bomb shelter during one of the missile attacks on Tel Aviv
Thanks!

A positive atmosphere of activity, long-term planning and optimism has come to our School. Professors, students, dental assistants, research assistants, administrative staff and patients look forward to a bright future. The School is expanding, admitting new students, refurbishing old premises, opening new programs. After long difficult years it is finally a good time for all of us! This could not have happened without the help and support of many. AO fraters and friends throughout the world whose help, warm embrace and most needed financial support is deeply appreciated.

Thank you all! Please come to visit us and see the spirits of change. This School belongs to all of us together.

Ilana