Archeologists have uncovered a most unusual and unexpected piece of ancient history.

Ancient Mayan Cosmetic Dentistry

Cover story on page 4
MESSAGE FROM DEAN UCHIN

Another year (our seventh) has come and gone. Wow! Does it go zooming past us.

It has been a terrific year of education, growth and while at times, consternation, great success. One hundred members of the Class of 2004 crossed the stage on the Sunday of Memorial Day weekend and received their College of Dental Medicine degrees. A large number of them are continuing their education, joining military service, etc. Most are entering the private practice of dentistry. They are our newest colleagues. As with each of our classes to date, about half will become Florida residents and half will settle and practice in other states, mostly Western.

Sixty-three graduates took the Florida Board of Dentistry exam at NSU and ninety-one percent (91%) passed. Outstanding! We also saw great success in the Western Regional Exam, which was once again given at our facility.

This year’s entering class of 100, the Class of 2008, has been selected. August 9 marks the first day of class. The class consists of 55 Floridians, 42 females, 50% representative of minorities, and students from 22 states present with a class average 3.51 cum GPA and 3.44 science GPA. Their average age is just under 26 years, ranging in age from 20 years young to 35 years as the most senior. Ten percent have an advance degree of Masters or higher.

Elsewhere in this issue you can read of the awards earned by the graduating group including four cash awards of $2,500.00 each from Delta Dental Corporation for excellence not only in academic and clinical achievement but for scholastic and community involvement as well.

Three students, Michael Scherer (D2), Andy Shieh (D4), and Kory McHenry (D4) were selected for special programs this summer involving leadership and research.

Eight of our students were chosen to present at this spring’s IADR program in Hawaii. Many of our graduate students presented posters and table clinics at their respective national specialty meetings. Two members of our D3 class were first place table winners at the Miami Winter meeting. WOW!

Now to the full time faculty. We want to welcome each of our newest members and congratulate those who have assumed new roles.

We wish to congratulate Dr. Wendy Hupp who received the Enid Niedel Scholar-in-Residence fellowship and the eight members of our faculty who have received university research grants.

We are also proud of the number of new Grants that have been awarded to our faculty for research.

(continued on page 19)
In just a few short years, NSU College of Dental Medicine has been recognized nationally, as well as internationally, for the quality of its faculty, curriculum, continuing education department, and delivery of patient services.

The Health Professions Division’s Clinical Operations provides NSU students in Dental Medicine, Osteopathic Medicine, Optometry, Audiology, Pharmacy, and Physical and Occupational Therapy tremendous opportunities to receive clinical training while delivering university-level health care to the community. Of the 146,360 patient visits in the first nine months of this fiscal year, dental medicine recorded 60,000 patient visits with 300 pre- and post-graduate students receiving clinical training.

Seven hundred and fifteen dental professionals have taken part in NSU-CDM’s Continuing Education Program. This schedule offered 23 courses between the months of January and March. Sixteen of these courses were hands-on participation courses, while the remaining seven were presented in lecture format.

While there are many exciting research initiatives university-wide, NSU-CDM can be proud of the outstanding efforts of its faculty. Dr. Arthur DeCarlo, awarded an NSU grant and additional support from the NIH and the American Heart Association to probe the relationship between diabetes, diabetic complications and gum disease, and Dr. Emil Kozarov’s work in infectious diseases are just two examples of the important work that is taking place on this campus.

The executive administration, looking forward to a new academic year, once again congratulates NSU’s College of Dental Medicine, Dean Robert Uchin, his faculty, staff, and students for their continued commitment to excellence.

Fred Lippman, R.Ph., Ed.D.
CHANCELLOR

Irving Rosenbaum, B.A., M.P.A., D.P.A.
VICE CHANCELLOR AND PROVOST
It is known that the Mayans performed different forms of dental mutilations: extractions, fractures, striping, filing and inlays. However, the most important were striping, inlays and a combination of these two.

Archeological studies have proven that striping was the first form of dental mutilation to appear in Mesoamerica and also the last one to disappear. This practice was documented by the Spaniards who conquered those areas of the Americas. In Mexico and Guatemala, this type of dental mutilation was practiced until the 1600’s.

Inlays were also an important and complex type of dental mutilation that the early Mayans performed. The use of dental inlays as a symbol of royalty and divinity was first mentioned in the “Popul Vuh”, a sacred book of the Mayan Quiches of Guatemala. It is believed that they used some type of cylindrical drill to prepare the dental cavities on the facial surfaces of the teeth.

Prevailing thought is that the Mayans used pulverized quartz as an abrasive substance to bore into the tooth. Drilling using this method must have been extremely painful, but research has shown that Mayans used a beverage made from a tropical mushroom to anesthetize the patient. Several teeth have been recovered in which inlays were so deeply inserted that they caused pulpal exposures and eventually abscesses in the periapical areas.

The inlay technique consisted of placing different types of stone in the prepared cavities on the facial surfaces of anterior teeth. Jade, jadeite, pyrite, turquoise, hematite, serpentine, and eventually even some metals, were used as inlay material. A majority of inlays found from Mayan times are jade or jadeite, and they also frequently used pyrite which can be black or dark brown when oxidized.

THEORIES ON THE SIGNIFICANCE OF DENTAL MUTILATIONS AMONG THE MAYANS

According to Drs. Westermack and Karsten, who have research the Mayan culture extensively, the mutilations were performed for aesthetics or for ritualistic purposes.

However, some forms of mutilations also had religious significance to the Mayans. Findings by Dr. Oscar Cifuentes in Guatemala on several upper anterior teeth have the form of a letter T, which for the Mayans signified G-D – IK. IK being the Mayan God of Sun.

Originally it was believed that skulls found with dental mutilations belonged to those with a high social status, including priests, governors and local rulers. However, on numerous excavations in Guatemala and Mexico, dental mutilations were also found in skulls belonging to ordinary members of Mayan society. Current theories are that it was common practice throughout Mayan society, but people in higher, more privileged positions within society received more intricate inlays.

Dr. Cifuentes also studied a large number of skulls and jaw fragments with dental mutilations, and was able to conclude that inlays and mutilations were performed during the adult life of the individuals. Furthermore, it is also believed that the Mayans eventually developed knowledge on the nature of the dental tissues and their diameter due to the fact that the majority of teeth containing mutilations and or inlays did not result in pulpal exposures. It is probable that they learned from their mistakes and were able prepare cavities without causing exposures of the dental pulp.

Inlays were cemented into the cavity by means of an insoluble cement. Analyses using spectrophotometry have helped scientist to determine that the cement used consisted of a mixture of the following elements:

- Calcium ........ 30%
- Sodium .......... 10%
- Magnesium ...... 20%
- Barium ........... 10%
- Iron ............. 20%
- Strontium .......... 10%

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Belize (formerly British Honduras) in 1939 with his wife, pianist, Lena Fischman, they were fleeing Nazi persecution in their native Romania. After a harrowing ocean voyage of over a month with only one short stop in the island of Curacao, the Moldauers set foot in Belize, and immediately asked for political asylum in this British colony. Upon the advance and increase of German Nazi hostilities all Germans and eastern European immigrants were being immediately placed into concentration camps with other German prisoners the British were holding captive.

One day, some months after having arrived in the camp, the British governor's wife had a severe toothache. Since there were no local professionally trained dentists at the time, Dr. Moldauer, a European-trained dentist was directed to perform a root canal treatment on her and eventually to provide more dental treatment. As a token of his appreciation for the dental care that his wife received, the governor allowed Dr. Moldauer to begin working as the first-ever dentist in Belize. Dr. Moldauer built a limited practice, yet he had to be under the supervision of a medical physician when he practiced for such was the regulation then, and for many years this was the case.

Dr. Moldauer was fascinated with the strong influence the Mayan culture played in local life. The beliefs in magic performed by witchdoctors still persisted and the practice of dental mutilations for esthetics or as a demonstration of superiority in the social class was common among the people he saw every day.

processing dentures and running the dental office. After several years they had a son, Bertram, who would help them in the clinic, peddling on some of the machines, for 25-cents. The family business quickly grew in reputation and size, and people came from all over the territory to receive dental attention at the Moldauer’s clinic.

When it came time for Bertram to go to school, he opted to move to Guatemala and study to become a physician. But after a few semesters, the years of sitting at his father’s knee in a dental office proved too strong of a draw, and he decided to pursue a career in dentistry. He remained in Guatemala, where he married a lawyer and they had four children: Ivan, Mitzi, Kevin and Stefan.

Dr. Ivan Moldauer, the couple's first born son, attended Francisco Marroquin University in Guatemala City. He completed a one-year AEGD residency, and then finished his specialty in Endodontics at NSU-CDM in 2003. He is finishing his masters degree in education, as well as working as an assistant professor teaching undergraduate dental students at NSU.

“I enjoy the academic environment and the opportunity to share the experience and knowledge I have gained with students who are entering the health professions,” said Dr. Ivan Moldauer. “My rich family tradition provides me with a unique perspective and a sense of history that I want to pass along to future generations of dentists, in the same manner that my father and grandfather have passed them onto me.”

In 1964, a group of builders made an important discovery in an area known as “Cerro Alux,” just 16 miles outside of Guatemala City, Guatemala. Their finding consisted of various skeletal remains, ceramic vases, jade stones, obsidian and most extraordinarily, a jaw fragment containing some form of dental prosthesis.

Analysis of the artifacts and the mandible indicate that the objects found correspond to the Mayan pre-classical era, at approximately 1000 B.C. The specimen of the mandible was especially significant in that the teeth are in a relatively good state of preservation and this male adult's second molars are absent. On the right side of the mandible, between the third and first molars, a carved jade stone has been inserted to replace the missing second molar. The stone is carved in a cylindrical form with a hollow area in the center. It is possible to say that this finding represents a pre-Columbian form of dental implant.

Dr. Leon Moldauer (circa 1939)

Dr. Bertram Moldauer (circa 1960)
NSU Alumni Gathering During Florida National Dental Congress

The CDM hosted its second Alumni Reception, this time at the Florida National Dental Congress meeting in June in Orlando. The alumni who attended, along with faculty and current students, enjoyed the event and had a chance to catch up with each other. The next reception is planned for October 2, 2004 at the ADA Annual Session in Orlando. We look forward to seeing more familiar faces and hope that you can join us! For additional information, contact Margie Bell at (954) 262-7302 or email her at bmarjori@llsu.nova.edu.

Message from Dr. Jared Evans
Chairman-Alumni Committee, Class of 2003

Representatives from several classes have been meeting regularly to share ideas, organize some great events and plan for the future of our Alumni Association.

With the help of Dr. Joel Slingbaum (PG Endo Class of '03) we are creating an Alumni page on the NSU website. This will eventually include links to an Alumni Directory and listserv as well as the CDM Associate Match job list, electronic newsletter and information on upcoming events. With better communication, we hope to involve more of you in our plans.

The Committee is seeking suggestions for benefits that we can offer our Alumni. The continuing education department will give a 25% discount to Alumni members for any of its CE courses. We are also planning an Alumni Weekend in 2005 that will include a free CE course and a weekend of fun and camaraderie.

We hope you can join us at our upcoming ADA meeting function. This will be held at an offsite restaurant during the ADA meeting in Orlando from September 30 to October 3. Watch for details on our Web site or email me.

We’ve contacted a few people and asked them to submit information telling us what they’ve been up to since graduation. We encourage you to share your news with us as well.

If any of you are interested in serving on the Alumni Committee, please contact me at jevans@nsu.nova.edu.
NSU-CDM ALUMNI COMMITTEE

Jared Evans
Judy Gartner
Joel Slingbaum
Lisa Powell Slingbaum
Reza Ardalani
Sammy Zfaz

THE ALUMNI ASSOCIATION will be raffling a $500 airline ticket coupon on Delta Airlines to benefit the Alumni Scholarship fund. Raffle tickets will cost $15 each. The drawing will be held at our Alumni event during the ADA meeting in Orlando this October. Raffle tickets may be purchased by contacting Margie Bell at: bmarjoria@nsu.nova.edu.

ASSOCIATE MATCH LIST/PRACTICES
http://dental.nova.edu/associate_match

ALUMNI UPDATE—WHERE WE ARE NOW

DR. JUDITH GARTNER (2001) is currently an Assistant Professor of Prosthodontics at NSU three days a week. She serves as the Course Director for Cosmetic Dentistry and is a team member for the new virtual reality dental simulation system at NSU. Dr. Gartner also works in private practice in Prosthodontics in North Miami Beach. She has lectured internationally on Cosmetic Dentistry and will present a course on the Virtual Reality Dental Simulation system at the ADA meeting in October in Orlando. In addition, she serves as secretary of OKU and is Aacd University Advisory Council Faculty member. She can be reached at (954) 262-1757 or jgartner@nsu.nova.edu.

DR. CHRISTOPHER PHELPS (2003) has established a practice in Charlotte, North Carolina in General and Cosmetic Dentistry with a focus on Zoom! One Hour Whitening, Invisalign Invisible Braces and CEREC #D Restorations and Crowns. Recently, he was asked to write a case study on Shade Matching Technology for the July 2004 issue of Contemporary Esthetics Restorative Practice. Chris’ work was also featured on a local “Extreme Makover” held in Charlotte at the end of 2003. Before and after pictures can be found at his Web site: www.northcarolinasmiles.com. Chris can be reached at chrismd@alltel.net or (704) 845-1107.

from DR. FRAN SHORT (2001)

After graduation I enjoyed a very short break before the postgraduate orthodontic program started at NSU. Shortly after starting the program I got married to my college sweetheart, Bambi. We were married in Avalon—the vacation island in New Jersey where we met ten years earlier.

The orthodontic program started the August after graduation. The residency was awesome. Not only did it surpass every expectation I had of learning, but it could not have been more fun. I did not think that I could find the orthodontic equivalent of what Dr. Danziger was to me as a mentor. However, I found that and more in Dr. Meister. He was not only the best orthodontic mentor I could have hoped for, but a teacher of many other important aspects of life as well.

My resident class was extremely close. We made weekend trips to meetings, seminars and office programs all over the country including Portland, Oregon and Nashville, Tennessee as well as many other destinations. What a great way to see the country and learn about orthodontics.

The best trip of all was to Waikiki, Hawaii, where we tested for Phase II of our orthodontic boards. The entire week we were there, a strong swell was dishing up tremendous waves all over the island. Craig Spencer and I embraced the opportunity to surf the North Shore’s Haleiwa Beach, but we mostly rode the friendlier waves of the South Shore.

Despite the plans I had of practicing in South Florida when I entered dental school, after graduating last July, we returned to the South Jersey shore area. There is nothing like it! However, January and February were really tough up here. We now live just off the islands in Linwood. I have been associating in two offices a good distance from here, with plans of soon opening my own office close to home.

I now understand what many of you probably realized a while ago: that choosing the perfect location to open a practice is one of the most difficult decisions. But I look forward to the challenge of opening and becoming even more settled after seven years of mulling over geography.
Japanese Dental Tools Circa WWII Donated

NSU’s College of Dental Medicine is the grateful recipient of a collection of Japanese dental tools from WWII that were part of the estate of Dr. Francis J. Valentine. Dr. Valentine, who served as a military dentist, and his first wife traveled to Asia sometime between WWII and the Korean War. When they returned stateside, they brought back this wonderful set of dental tools. The tools were in the attic of the family home for several decades, until recently when they were donated to NSU by George and Diane Weighart of Naples, Florida.

New Dental Museum Acquisition

The College of Dental Medicine recently received a new addition to its vintage dental exhibit. The new piece of equipment, an x-Ray machine manufactured by Ritter Company (ca 1920), was in use during the same time as the rest of the items in the exhibit, including the dental chair, which was also manufactured by Ritter.

X-ray machines of that era of dentistry were not widely found in the average office. A few dentists who did use them serviced referral patients from other practitioners and thus radiology as an accepted dental specialty was born.

Dr. Robert Farbman, a practicing periodontist in Coral Springs, graciously donated the new piece of equipment, which is now the focal point of the “antique office.” The x-ray machine once sat in his office as part of his own collection of dental memorabilia.

Mother and Daughter Dental Students

After obtaining her dental degree from the University of Damascus in Syria, May Yazji Corey moved to Haiti to start a new life with her husband. However, in order to practice dentistry in the Caribbean, May learned that she needed a second diploma, one that would require her to study in French and not in her native language of Arabic.

“It wasn’t easy to go back to school and study again,” said Dr. Corey, “but I had no choice if I wanted to practice in Haiti.”

Eventually, May passed her courses and graduated from L’Universite D’etate D’Haiti, and practiced dentistry in that country successfully for 15 years. When the political situation in Haiti became unstable, May uprooted her family and immigrated to the United States. Driven by the desire to practice the profession she loves, she now had to study in yet another language—English. She also learned that in order practice dentistry in the United States, a D.M.D. or D.D.S. from an accredited American university was required. After passing the dental boards, she was accepted as an advanced student (starting in the second year) at NSU-CDM.

May’s 23-year old daughter, Maya, often visited her mother at NSU and was eventually attracted to the camaraderie and interaction between the students in the dental program. In fact, Maya was so caught up in the excitement of dental school, that she decided there was no other profession for her. She applied to NSU-CDM and was accepted to the class of 2007.

“Having my daughter—my beautiful baby—here at NSU with me is the nicest feeling in the world,” said Dr. Corey, who reports she always pushed her three daughters to become professionals. “My oldest daughter is a doctor and my middle daughter is attending NSU’s Law School. Maya, my youngest, always wore my clothes and played mommy, so I guess it was inevitable that she would follow in my footsteps someday.”

Today, first-year student Maya is thrilled to pursue her dental career alongside her mother, even if it is only for one year. (Dr. May Corey graduated in May, 2004.) Meanwhile, May has the most unusual distinction of studying dentistry three times, in three different countries, and in three different languages. Nowadays, the two women enjoy working and studying side by side. What happens from here on is anyone’s guess. Perhaps in the future the sign on their office will read: Mother and Daughter Dental Practice.
The mission of the NICDR is to promote the general health of the American people by improving their oral, dental and craniofacial health. Through the conduct and support of research and the training of researchers, the NICDR aims to promote health, prevent diseases and conditions, and develop new diagnostics and therapeutics. Scherer will spend two months working under the guidance of a mentor who will be matched with his stated interests in research.

NIH PROVIDES RESEARCH OPPORTUNITY TO NSU-CDM STUDENTS

First-year dental student, Michael Scherer, has been chosen for the Summer Dental Student Award by the Department of Health and Human Services. As a participant in the 8-week program at NIH headquarters in Bethesda, Maryland, Scherer will conduct research at the National Institute of Dental and Craniofacial Research (NIDCR.)

Kory McHenry (05), spent time this summer in Bethesda, MD, doing research at NIDCR on the desensitization of VR-1 receptors through capsaicin activation. These receptors are located predominately on c-fibers, which are primarily pain receptors. If successful, as other experiments suggest, they should be able to get lasting but not permanent analgesia post application. This analgesic affect does not effect either motor or other sensory neurons or have widespread systemic alterations making it superior to current medications. He will be working primarily with Dr. Dionne, the director of the Pain and Neurosensory Mechanism Branch of the NIDCR. They will be conducting parallel animal studies.

KATIE DINH is the first recipient of the College of Dental Medicine’s Harold M. Foster Scholarship. Dr. Foster, who passed away in September 2003, was a distinguished and highly respected member of the NSU family.

Dr. Foster’s family set up this fund in his memory to recognize his love of teaching and the fondness he felt towards his students.

The award will be presented annually at the ASDA Day luncheon to a senior dental student selected by the Restorative and Prosthetic faculties as the student most likely to become an outstanding general practitioner.

DR. EDE-NICHOLS SELECTED FOR PRESTIGIOUS FELLOWSHIP

Dr. Diane Ede-Nichols, NSU’s Chair of Community Dentistry, has been selected as a fellow by the Hedwig van Ameringen, Executive Leadership in Academic Medicine (ELAM). She is one of only 45 senior female faculty from dental and medical schools throughout North America selected to receive intensive executive training, networking and mentoring opportunities aimed at expanding the pool of qualified women candidates for leadership in academic medicine and dentistry.

“We are very proud of the work Dr. Ede-Nichols has done in terms of promoting and expanding our community outreach in dentistry,” said Dr. Fred Lippman, chancellor of NSU’s Health Professions Division. “Her selection for this fellowship underscores the outstanding job she has done within the College of Dental Medicine, and her participation will greatly benefit our program in terms of the knowledge and insight she will gain through the curriculum.”
**The Faculty**

**Dr. Jeffrey Henkin** has been elected International Treasurer of the Alpha Omega Dental Fraternity which is the second largest international dental organization in the world with over 7000 members worldwide.

**Dr. Robert London** presented a lecture on implant surgery entitled “Localized Ridge Expansion Utilizing Vertical Bone Cuts and Osteotomes to Optimize Anterior Emergence Profile” at the Academy of Osseointegration last March in San Francisco. He will also be moderating and presenting at the American Academy of Periodontology in Orlando in November.

**Dr. Cesar Migliorati** presented at the American Academy of Oral Medicine in April 2004. The lecture was entitled “The Dental Treatment Plan and Post Head and Neck Radiation Therapy Patients”. He also offered training sessions for Medical and Dental Professionals on the Management of HIV/AIDS patients in June 2004.

In addition, he lectured on “The Dentist’s Role During Cancer Therapy: New Cancer Treatment Protocols and Oral Complications” and was the chair of the scientific session “Role of the Multidisciplinary Team in the Management of Oral Complications of Cancer Therapy” at the Multinational Association of Supportive Care and the International Society of Oral Cancer 16th Annual Symposium on Miami Beach in June 2004.

Dr. Migliorati published a letter to the editor of the Journal of Clinical Oncology which is the most prestigious scientific journal of medical oncology. The letter described a new complication of cancer therapy associated with the use of bisphosphonates. This was the first report of this new complication of cancer therapy published in medical literature.

**Drs. Cesu and Erica Migliorati** will travel to the Amazon Forest in July, 2004 with Ms. Ronnie Charin, a dental hygienist, on a mission to provide dental care to natives who live in small villages at the margins of the Amazon River.

**Dr. Sharon Siegel** presented at a Texas Dental Association meeting in May. Her lecture was entitled “Women’s Health and Dental Consequences: What We Should Know”. Dr. Siegel also presented the lecture at the Chicago Midwinter in February.

**Dr. Michael Siegel** presented “Dermatology in My Mouth” at the Texas Dental Association Meeting in May 2004. He will also be presenting several lectures at the ADA Annual session in Orlando in October 2004.

**Dr. Judith Gartner** (NSU-CDM Class of 2001) represented NSU at the AACD’s University Advisory Council. She was invited to lecture in Madrid on Cosmetic Dentistry in July and she will be presenting a lecture on the Virtual Reality Simulation at the ADA meeting in Orlando in October.

**Dr. Bill Trevathan** has been recognized with a Life Membership in the American Academy of Pediatric Dentistry and the American Board of Pediatric Dentistry.

**Dr. Romer Ocanto** presented at the American Dental Educators Association meeting in March 2004. The title of his presentation was “Critical Thinking of Pediatric Dentistry Residents”.

**Drs. Walt Askinas, Bud Kranne, and Tony Gottlieb** will present a hands-on seminar in Orlando at the ADA meeting in October, pertaining to the NSU protocol of RPD survey and design.

**Dr. Alan Horowitz** repeated an annual mission by spending several days rendering dental care to the residents of small villages of Siberia.

**Drs. Joel Hauptman, Michael Jones and Harry Lehner** lead a dental team of 18 junior and senior dental students on a 7-day mission to Jamaica. Their purpose was to render care to the needy who live in the under-developed and outlying areas of Kingston and St. Mary’s. (See photos on page 12.)

**Dr. Harry Lehner** received the Dental Educator of the Year Award from the Florida Dental Association at its annual meeting in Orlando in June.

The senior dental students presented their Golden Apple Award to **Dr. Stu Caplan** and **Dr. Tony Gottlieb** during an awards dinner at the Marriott Harbor Beach Resort.

**Dr. Wendy Hupp** has been working with the American Dental Education Association (ADEA) this past year on a project about women’s health. Dr. Hupp received the Enid A. Neidle Scholar-in Residence fellowship which allows one female dental faculty each year to spend time at ADEA headquarters in Washington D.C. to concentrate on a topic related to women’s issues in dentistry. She has spent nearly two months away from NSU-CDM working on a broad range of issues facing female faculty members such as promotion, advancement and tenure policies, advancing education and research opportunities, and other gender related issues. She has attended press conferences, visited legislators on Capitol Hill, and worked with other agencies in the areas of healthcare and higher education. Dr. Hupp’s specific project is to develop guidelines for teaching women’s health in the dental school curriculum. She is also a consultant on the development of a web-based Women’s Health Information Network that will be resource for women’s oral health information to both the lay person and the healthcare professional.
DIANE EDE-NICHOLS will assume the position of Chair, Department of Community Dentistry effective July 1, 2004. “I want to thank Dr. John Tabak for his dedication and insight in developing the department and know that he will continue his contribution to the CDM in his new role as Director of Special Needs Care” said Dean Uchin.

EYAD SHEHADEH is also joining the department of Community Dentistry as an Instructor in Special Needs Care.

Acting upon Dean Uchin’s recommendation, Chancellor Fred Lippman has approved and appointed TIMOTHY HOTTEL to assume the additional position of Executive Associate Dean, effective July 1, 2004. This will more accurately reflect many of the administrative responsibilities that have been assigned to him.

BRUCE MILLER has joined us from Ohio State School of Dentistry as an Associate Professor, Director of Implantology and Associate Director of PG Prosthodontics in the department of Prosthodontics. Also from Ohio State, JORGE HERVAS will be a new Assistant Professor in the department of Prosthodontics. Again, joining the Prosthodontic department as an Assistant Professor is MARIE LIM who is coming from the University of Pennsylvania.

NESTOR GUZMAN is also joining the department of Prosthodontics as an FTE Assistant Professor, a graduate of our own pre-doc program.

ROBERT SELZER is joining the Endodontic department as an Assistant Professor and Director of the Pre-doctoral Program.

NILSA TOLEDO has been appointed as the new Chair of the Department of Pediatrics. MARK WEBMAN is joining the Pediatric department as an Assistant Professor and HARVEY BEAVER will be increasing his commitment from adjunct status to full time in the department of Pediatric Dentistry.

GARY CONOVER is joining us from Temple University as a Professor in the department of Oral Diagnostic Sciences and will be the Director of Radiology. Also joining Oral Diagnostic Sciences is NEIL SPIELHOLZ who will be working with Dr. Bradley in the newly established Orofacial Pain Clinic.

RICHARD SINGER will be increasing his commitment from FTE status to full time as the PG Co-Director in the Orthodontic department.

TAKASHI KOYAMA will be joining the OMFS faculty as an Assistant Professor and clinical researcher.

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DENTAL FACULTY AND STAFF SERVE IT UP

Students spent time relaxing and enjoyed ice cream sundaes on Thursday, May 6. The new Director of Student Affairs, Sarah Bradford, organized the event. All four classes enjoyed a variety of ice cream flavors and toppings served by faculty and staff.
The NSU mission to Jamaica was a big success. Three days were spent in Kingston and four days in St. Marys. Interaction between all the colleges at NSU’s Health Profession Division was exemplary on the mission. It was nice to see the exchange of knowledge between all the disciplines.

More than 200 appreciative patients of all ages were seen by the dental department. We performed oral exams including cancer screening. Blood pressures were taken on all adult patients. Those patients who were hypertensive were referred for medical evaluation. Oral hygiene instructions were given to patients. It was quite evident that all patients had not had dental care other than extractions. Approximately three to four hundred teeth were extracted on the mission.

Our surgical site in St. Marys was outside between two buildings at Bethel Church. We used fold-up chairs and flashlights for illumination. Suction and hand pieces were not available. Although many of the extractions were complex, the patients were very cooperative. The D-3 and D-4 students worked in pairs. When necessary, Dr. Lehrer, Dr. Oklin, or myself would assist the students. We were fortunate to have an operating autoclave to sterilize instruments.

The camaraderie that developed between students and faculty was amazing. At the end of the day we would discuss all the interesting cases amongst participants and specialties.

In my opinion, the surgical skills gained by the students cannot be reproduced in any other setting. The students had a positive learning experience, and the humanitarian benefit of the mission was wonderful.

The students who participated were Na Nguyen, Sheila Chandrahasa, Elena Gutu, Michelle Smitley, Herna Ranola, Tien Phan, Lindsey Alexander, Lisa Ameer, Brianne Desantis, Osheen Karamians, Raffy Kouyoumdjian, Jeremy Ledger, Jordan Von Seht, Marl Galsterer, Mike Caparas, Ryan Koenig, James Walliams, and Adam Carson. The dentists who attended were Dr. Jones, Dr. Hauptman, Dr. Lehrer, and Dr. Oklin.

"The camaraderie that developed between students and faculty was amazing."
NOVA SOUTHEASTERN UNIVERSITY
HEALTH PROFESSIONS DIVISION
COLLEGE OF DENTAL MEDICINE

Class of 2004
SENIOR AWARDS CLASS OF 2004

THE ACADEMY OF DENTISTRY FOR PERSONS WITH DISABILITIES
Brett Chapman

ALPHA OMEGA AWARD
Erika Campbell

ALPHA OMEGA REMOVABLE PROSTHETICS AWARD
Mario Laska

AMERICAN ACADEMY OF COSMETIC DENTISTRY AWARD
Max Zaslavsky

AMERICAN ACADEMY OF CRANIOFACIAL PAIN
Shrinivas Rangarajan

AMERICAN ACADEMY OF GOLD FOIL OPERATORS
Katie Dinh

AMERICAN ACADEMY OF IMPLANT DENTISTRY
Julie Alter

ACADEMY OF GENERAL DENTISTRY AWARD
Erika Campbell

AMERICAN ACADEMY OF ESTHETIC DENTISTRY AWARD
Max Zaslavsky

AMERICAN ACADEMY OF ORAL AND MAXILLOFACIAL PATHOLOGY
May Yazji-Corey

AMERICAN ACADEMY OF ORAL AND MAXILLOFACIAL RADIOLOGY
SENIOR STUDENT RADIOLOGY AWARD
Maria Pruss

AMERICAN ACADEMY OF ORAL MEDICINE AWARD
John Neves

AMERICAN ACADEMY OF PEDIATRIC DENTISTRY
Brett Chapman

AMERICAN ASSOCIATION OF ENDODONTISTS STUDENT
ACHIEVEMENT AWARD
Syed Quadri

AMERICAN ACADEMY OF PERIODONTALOGY AWARD
Anil Idicula

AMERICAN ASSOCIATION OF OMF PATHOLOGY
No award

AMERICAN ASSOCIATION OF ORAL AND MAXILLOFACIAL
SURGEONS AWARD
Shrinivas Rangarajan

AMERICAN ASSOCIATION OF ORAL AND MAXILLOFACIAL SURGEONS
DENTAL IMPLANT AWARD
Jason Edwards

AMERICAN ASSOCIATION OF ORTHODONTISTS AWARD
Erika Campbell

THE AMERICAN ASSOCIATION OF PUBLIC HEALTH DENTISTRY
COMMUNITY DENTISTRY AND DENTAL PUBLIC HEALTH AWARD
Bobby Raber

AMERICAN COLLEGE OF DENTISTS AWARD – FLORIDA SECTION
Michael Roseff

AMERICAN DENTAL SOCIETY OF ANESTHESIOLOGY
HORACE WELLS AWARD
Alan Haspel

AMERICAN EQUILIBRATION SOCIETY
Rhea Nicklow

ASDA AWARD
Jesse Schafferzin

DELTA DENTAL LEADERSHIP AWARD
Anil Idicula
Shrinivas Rangarajan
Michael Roseff
Anita Angela Sharma

ELEANOR J. BUShee SENIOR STUDENT AWARD
Maureen Roach

FLORIDA DENTAL HEALTH FOUNDATION SCHOLARSHIP AWARD
Roseann Habib
Dora Rodriguez
Anita Angela Sharma

THE FLORIDA ACADEMY OF PEDIATRIC DENTISTRY
CHARLES FAIR AWARD
Michael Roseff

GOLDEN FORCEPS AWARD
Alan Haspel

GOLDEN SCALER AWARD
Nadia Filice

INTERNATIONAL COLLEGE OF DENTISTS AWARD – USA SECTION
Roseann Habib

ORGANIZATION OF TEACHERS OF ORAL DIAGNOSIS AWARD
Jeremy Hatch

THE PIERRE FAUCHARD ACADEMY AWARD
Shrinivas Rangarajan

THE ULTRADENT AWARD
Timothy Chen

WATERPIK HANAU EXCELLENCE IN PROSTHODONTICS AWARD
Mario Lasko

OMICRON KAPPA EPSILON AWARD
Julie Alter
Erika Campbell
Katie Dinh
Kristin Igualada

DEAN’S AWARD
Anil Idicula
Erika Campbell

CHANCELLOR'S AWARD
Alan Haspel
Dr. Robert Uchin, Dean of NSU-CDM and Dr. Fred Lippman, Chancellor of NSU Health Professions Division are shown presenting the Dean's and Chancellor's awards.

POSTGRADUATES 2004

AEGD Residents
Assi, Tarek
Bhide, Manali
Cozzarelli, Gina
Dham, Uttma
Felix, Ericka
Garcia, Faustino
Gomara, Denise
Giraldo, Juan Carlos
Kayastha, Jimmy
Lee, Richard
Martin, Carrie
Martinez, Jennifer
Nieto, Gloria
Polise, Eric
Rezvani, Caroline
Rosales, German
Rylak, Mark
Scherbo, Peter
Shammout, Bilal
Shenker, Keri
Shehadeh, Eyad

Shretha, Rosi
Sorroza, Jennifer
Sotalnik, Valeria
Younmans, Jasie

Endodontics
Gascoigne, Roxene
Paz, Ernesto
Rosenberg, Brett
Steiner-Carmi, Rita

Pediatric Dentistry
Ardalan, Amir
Arvanitis, Contelanae
Beam, Roy
Hirsch, Jason
Kalinin, Susan

Orthodontics
Amelinckx, Marina
Bulkeigh, Chad
Caponera, Ronaldo
Errera, Joseph
Livrenti, Salvatore
Shullman, Howard

Prosthodontics
Blessitt, Keith
Mosquera, Lilanna
Sajoo, Sameer

Oral Surgery
Halterman, Sandra
Koyama, Takashi

Periodontology
Gounakis, George
Starkman, Jeffrey
Stern, Shmuel
OMICRON KAPPA UPSILON
National Dental Honor Society

L to R: Jason Edwards, Anil Idiculla, Brock Evans, Kristin Igualada, Dr. Fred Kohler, Nadia Felice, Julie Alter, Katie Dinh, Dr. Steven Kelner, Dr. Sergio Kuttler, Dr. Judith Gartner.

Omicron Kappa Upsilon (OKU) had its inception with the class of 1914 at Northwestern University Dental School. A committee from this group submitted a petition to the faculty of the school which stated they were "desirous of organizing and funding a national honorary fraternity similar to other honorary fraternities now existing in the leading universities, but which shall consist of dental students exclusively; admission and membership to which shall be based upon scholarship and character and manifested by election by the faculty."

Each year a list of the upper 20% of the graduating class who rank highest in scholarship for the entire period that they have been in attendance at a dental school shall be submitted by the Dean. From this list, a number of candidates constituting not more than 12% of the entire class, who, in addition to scholarship, have demonstrated exemplary traits of character and potential qualities of future professional growth and attainments, may be elected to alumni membership by the active members of the component chapter.

The following students were inducted into OKU on April 1, 2004:

- Julie Alter
- Katie Dinh
- Jason Edwards
- Brock Evans
- Nadia Felice
- Alan Haspel
- Hilary Hullard
- Anil Idiculla
- Kristen Igualada
- Erika Campbell

Along with these students, the following faculty members were also inducted: Dr. Harold Foster (posthumous) and Dr. Steven Kelner.

President's Faculty Research and Development Awards:

Dr. Arthur DeCarlo
Dr. Peter Murray
Dr. Denise Vedrenne
Dr. Emil Kozarov

Dr. Sibel Antonson
Dr. Ivan Moldauer
Dr. Ling Li
Dr. Steven Kaltman

SHOPPING FOR AN EXCELLENT CAUSE
BLOOMINGDALE'S EVENT TO BENEFIT NSU-CDM MINORITY SCHOLARSHIP FUND

Mark your calendar! On Tuesday, October 26, 2004 from 10:00 a.m. to 10:00 p.m., five Bloomingdales department stores throughout Florida will participate in "THE SHOPPING BENEFIT" to help nearly 150 community-based programs throughout the Sunshine State raise funds. The event, now in its seventh year, raises more than $100,000. NSU's College of Dental Medicine’s Minority Scholarship Fund is one of the recipients of the day's events.

Shoppers at Town Center in Boca Raton, the Gardens in Palm Beach gardens, Aventura Mall in Aventura, The Falls in Miami-Dade, and the Mall at Millenia in Orlando will enjoy storewide entertainment, fashion events, and special discounts. Tickets can be purchased for $10 each and 100% of the proceeds from these tickets benefit the participating non-profits. Ticket holders will receive a certificate for 15%-20% off Bloomingdale’s regular and sale-priced merchandise on the day of the event (with limited exclusions).

To buy your tickets and participate in this worthwhile event, please contact Margie Bell at (954) 262-7302 or e-mail at: bmarjori@nova.edu
August 21, 22, 28, 2004  
Expanded Functions as Permitted by Florida Law  
Dr. Mark Greenberg

September 11-12, 2004  
The Diagnosis and Management of TMD Disorders and Orofacial Pain:  
Series I: Hands-On  
Dr. Rodolfo Acosta-Ortiz and Dr. Harold Menchel

September 18, 2004  
Temporary Crowns and Bridges  
Dr. Mark Greenberg

September 18-19, 2004  
Nitrous Oxide-Oxygen Analgesia  
Dr. John Tabak and Dr. Edward Fellows

October 9-10, 2004  
Dental Radiography  
Dr. Arthur Ponce and Dr. Jorge Arenas

October 16, 2004  
Risk Management and Record Keeping  
Dr. Robert Jacobson

October 16-17, 2004  
Implant Surgical Program  
Dr. Robert DelCastillo and Dr. Stuart Feldman

October 23, 2004  
Practical Infection Control/Office Emergencies  
Dr. Mark Knutsen

October 23, 24, 30, 2004  
Expanded Functions as Permitted by Florida Law  
Dr. Mark Greenberg

October 30, 2004  
Combined Restorative/Periodontal Surgical Hands-On Program  
Dr. Donald Antonson and Dr. Clark Gain

November 3, 2004  
Advanced Membrane Guided Bone Regeneration (Orlando)  
Dr. Robert London

November 13-14, 2004  
The Diagnosis and Management of TMD Disorders and Orofacial Pain  
Series II: Hands-On  
Dr. Rodolfo Acosta-Ortiz and Dr. Harold Menchel

November 20, 2004  
The Pathway to Correct Diagnosis of the Oral and Maxillofacial Region  
Dr. Ines Velez and Dr. Sheldon Mintz

December 3-5, 2004  
PAC Live/Biolase Functional Anterior Program – Seat Weekend  
PAC Live/Biolase (Faculty)

December 4, 2004  
The Ins and Outs of Pathology Variations of the Apical Region  
Dr. Ines Velez, Dr. Sergio Kuttler, and Dr. Sheldon Mintz

December 11, 2004  
Recent Advances in Dental Traumatology  
Dr. Jens Andreason

December 29, 2004  
A Comprehensive Review of Local Anesthesia  
Dr. Sheldon Mintz

February 8-13, 2005  
Implant Surgery with Cadaver  
Experience: Fundamentals to Details and Advanced  
Implant Bone Grafting  
Dr. Robert London

As NSU-CDM alumni you qualify for a 25% discount on most courses.  
(Certain outside speakers or sponsored courses and the cruise do not apply.)
Please contact the CE office to confirm which courses qualify for the discount.
For more info please call: 954.262.5327 or 800-356-0026, ext. 5327.

NSU College of Dental Medicine Continuing Dental Education  
presents a 10 night Panama Canal Cruise sailing from Miami March 18 - 28, 2005

New Products and Techniques in Dentistry  
Featuring: Sibel A. Antonson, D.D.S., Ph.D. and  
Donald E. Antonson, D.D.S., M.Ed.

This multi-faceted course will expose you to some of the newest products and techniques available. The presenters bring with them years of research and clinical experience to provide practical advice for stress-free quality dentistry.

12 hours of Continuing Dental Education (12 CEU’s)

To register or for more information contact  
http://www.specialeventcruises.com/nova.html
There were only two career choices for Jared Evans to consider—

"In our family you were either a farmer or a dentist ... and I wasn't a very good farmer," said Dr. Evans, a postdoctoral pediatric dental student at NSU. Early on, Dr. Evans knew he would be a dentist just like his father, and fairly early in his studies he knew his goal would be to treat patients with special needs.

Jared Evans grew up in Utah, just about as far away from sunny Florida as you can get. But somehow fate brought him to NSU's College of Dental Medicine (NSU-CDM) and to a dean with a mission similar to his own.

"NSU's dental program is placing particular emphasis on special needs dentistry," said Robert Uchin, D.D.S., Dean of NSU-CDM. "Dr. Evans has embraced this area of dentistry with a passion, because he knows from personal experience just how necessary special needs dentists are to the community."

"My sister, Corrine, was born with Downs Syndrome," said Dr. Evans. "My father devoted his life to caring for patients just like her. For most of his dental career, Dad worked at the Utah State Development Center treating special needs patients. The Center was pretty close to my high school and on the days he worked, I would go up there to hang around the clinic. From that time on I knew I had found my true calling."

When Jared was 18 years-old his father passed away. He recalls that no other dentist came forward to take over his father's job at the Special Needs Clinic. "That's when I realized there was a need for compassionate people like my dad—he had left a huge void."

Through their training at NSU-CDM, Dr. Evans and other dentists learn how to treat special needs patients utilizing behavior management, positive reinforcement, voice control, and when necessary—sedation.

Dr. Evans is part of a craniofacial team at the new NSU-CDM Special Needs Dental Center. One moment he can be found caring for a 3-month old premature baby, born with cleft lip and cleft palate problems. The following appointment might be treating an adult with autism who is combative or catatonic, and cannot respond. Then he might move on to treat a patient with cerebral palsy, multiple sclerosis or Downs Syndrome.

"Some of the procedures we do can help extended the lifespan of people with special needs," said Dean Uchin. "As a society we need to do a better job of taking care of our people who have special needs, the disabled and the frail who need special attention. There is limited or no assistance of any kind for them; that is why we are placing special interest on special needs."

Dr. Evans says his ultimate goal is to have his own practice in the Sunshine State. He would also like to see an official, mandatory program at the university to educate new dental students about the need for special needs dentistry and the satisfaction that helping this population can bring to a dentist.

"NSU'S DENTAL PROGRAM IS PLACING PARTICULAR EMPHASIS ON SPECIAL NEEDS DENTISTRY."
Dean's Message continued from page 2

We begin a new fiscal year with great excitement in our Continuing Education program. Dr. Galin and his staff have arranged over fifty courses for this program including our first venture into a foreign travel/education program. Plan on joining us in March for a wonderful learn and play cruise to the Panama Canal with stops in the Caymans, Aruba and Costa Rica. Both Drs. Sibel and Don Antonson will present a complete update on the current biomaterials and techniques of restorative dentistry. It should prove very rewarding and enjoyable.

We held our first alumni get-together at the June Florida National Dental Congress. More than thirty-five alumni, faculty, and their guests attended. There was a great deal of excitement generated by pregnancies, births, plans for new offices, etc.

As you can see, activities and accomplishments grow by leaps and bounds as the years go by faster and faster. However, don’t forget to stop and smell the roses along the way.

Sincerely,

Robert A. Uchin, D.D.S.
Dean

Dr. Gina Cozzarelli—Living Her Dreams

Amid the 30 dental chairs at NSU's North Miami Beach Clinic you will find another member of the Moldauer family, Dr. Gina Cozzarelli. Of Italian descent, Dr. Cozzarelli was born in Guatemala and attended private school there until she graduated from high school. “I began college and decided to go to medical school at one of the three universities in Guatemala City, Francisco Marroquin University. I really enjoyed the clinical side of things in medical school, but decided dental was a better fit for my interests, so I switched to dental school and never looked back,” said Dr. Cozzarelli.

In dental school, she made a friend, Mitzi, who introduced Dr. Cozzarelli to her brother, Ivan. He was a fellow dental student who was living in the United States, finishing his specialty in Endodontics. Their long-distance courtship lasted for approximately 1½ years, and even included a couple of exceptionally long-distance dental referrals. The couple married in June 2003, after Dr. Cozzarelli graduated from dental school in Guatemala. She was accepted in the Advanced Education in General Dentistry program at NSU-CDM and worked at the North Miami Beach Clinic throughout the program. She has been accepted to the International Graduate Dental Program where she will begin her coursework this semester, along with serving as a teaching assistant in the community dentistry department.

“My whole life’s dream to become a dentist and to be part of such a highly distinguished dental school, Nova Southeastern University, seems unbelievable. God has really blessed Ivan and me.”

DR. COZZARELLI AT NSU'S NORTH MIAMI BEACH DENTAL CLINIC (AEGD PROGRAM).
MESSAGE FROM SGA PRESIDENT, KORY MCHENRY (05)

On behalf of the Student Body, I would like to congratulate all those moving on to a new year and welcome those of you here for the first time. As a new year begins, the halls of Nova Southeastern University are once again filled with excitement.

The new D4’s are cruising the building with a newfound confidence and the assurance that it will all soon be over. They are at the top of the food chain if only for the moment.

The D1’s are moving frantically from class to class, bristling with excitement and enthusiasm, not yet knowing what will come. The D2’s, fresh from summer break, reassure themselves only one more year until the clinic. D3’s, still dazed and confused from the boards, stagger into the clinic and suddenly realize they should have paid more attention to Dr Brodie and her crew in the sim lab.

They are excited to be here but still a little apprehensive about working on real patients. Nothing has changed, except the clinic, board exam timing, and curriculum. Okay, everything has changed but hopefully for the better.

Along with a new year, come new opportunities to get involved at NSU. There is something for everyone. ASDA has many new and exciting events planned for the year. They will need all the help they can get for the big ADA Annual meeting in Orlando, the last week in September. They need volunteers to work as ushers, escorts, etc. Hotel rooms will be provided for those who volunteer, but space is limited and will be on a first come first serve basis. Please don’t delay. Contact Craig Young for details. The various fraternities are constantly on the lookout for new members. Sarah Bradford is still looking for tutors and there are always student committees in need of volunteers. Get involved and help make a difference.

For those of you who are new at NSU-CDM—welcome and best wishes. We are a very friendly school; students and faculty will be pleased to help with any problems or questions you may have. We are blessed with an extremely talented faculty who are truly here because they care for the students and enjoy helping them succeed. Don’t be afraid to ask. We are now all part of the NSU-CDM family and it is in the best interest of each of us to continue to succeed and gain the widespread respect and admiration we deserve. If you have any questions or comments feel free to contact me at kmchenry@nova.edu. Well, until Dr. Mintz returns and starts kissing everyone (don’t be surprised first years)—hang in there.