

Dental Report^{09.06}



Dental Report

09.06



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2006 Dental Alumni Association Officers

President: Stanley L. Zak, Jr. '76
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LETTER FROM THE PRESIDENT

Dear Fellow Alumni and Friends,

Let me be among the first to wish the Class of 2010 a warm welcome. They are some of the smartest, most varied and diverse students to ever be admitted and they will face a far more advanced, difficult, and yet relevant curriculum than most of us did. So changes the face of education.

As Alumni, we have many options for our continuing education needs. Two of the best are the Office of Continuing Dental Education, providing quality programs during the entire year, and the Buffalo Niagara Dental Meeting (BNDM), offering the largest number and variety of CE programs, and a spectacular exhibits area – the biggest annual dental event within 400 miles!

Your Executive Committee always strives to provide a great BNDM, with a quality program for a reasonable fee, as one of the largest Alumni benefits. However, most Alumni have no idea about some of the costs incurred in producing the BNDM. Well, for 2005, these were just some of our costs:

Convention Center Rental	\$17,653
'Free' food (coffee, donuts, Friday lunch, exhibitors)	\$19,271
Hale Northeastern – exhibit floor setup	\$20,207
Buffalo AudioVisual Services	\$ 6,793
Program & Mailings	\$18,221
Speaker Expenses	\$27,740
Friday Dinner Dance	\$28,791
Total costs for 2005: Almost \$161,000!!!	

Quality (as well as 'free food') costs a lot, but we need to spend every penny to ensure our continued growth and success. When you look at our 2006 program (over 100 exhibitors in 150 booths; over 30 programs for all dental office personnel, including the Drinnan and Meenaghan Symposiums; the opportunity for dentists and hygienists to earn 12 hours of mandatory CE credit), you can see why the BNDM is such a fantastic value and venue. As your President, and on behalf of all those involved, I urge you all to come to our 29th BNDM with your office staff. I look forward to seeing all of you there, especially the 5-year reunion classes, and my own 30-year class of 1976.

With school starting, this can be such a hectic time of year, but try and enjoy the last days of summer and all the beauty and splendor that is autumn, especially in Western New York. And, as Tim Russert would say, "Go Bills"!!

Fraternally yours in dentistry,
 Stanley L. Zak, Jr. DDS '76



Greetings From Dean Buchanan

Our faculty and students, the people upon whom the quality of our academic programs depend, are our most precious resource. Our efforts to renew them through our student and faculty recruitment processes are, therefore, extremely important to the future development of our School.

Each year at this time I provide a profile of our applicant pool and those who have been accepted to our new class, indicating qualitative and quantitative trends on a national and local level. The national trend in increasing interest in careers in the dental profession has continued in the 2005-06 application cycle, driving another substantial increase in applicants processed through our national application center. Applicants to the nation's dental schools in this year's cycle total 10,434 -- an increase of 10.6% from last year. In the period from 2000-2006 applications have increased from 6,371 to 10,434. From this pool, the School of Dental Medicine received 1,703 applications for 85 positions in the Class of 2010, an increase of 395 from 2004-05. The 85 highly qualified students selected were formally welcomed to our School and our profession during our Family Day and White Coat ceremony on August 18th. The academic profile of the class is as follows: PAT 19.11, DAT 19.35; BCP (Biology, Chemistry, Physics) GPA 3.56; Total GPA 3.57. These outstanding academic qualifications have made the admissions process extremely competitive and have afforded us an opportunity to select from among the best and brightest applicants in the state and nation.



The trend in increasing interest in dentistry as a professional career has coincided with a well-documented decline in the total dental workforce and particularly in the dental academic workforce, which reached its apogee about 20 years ago and has been declining since then. This trend amplifies the challenges associated with recruiting the new faculty who will prepare future generations of oral health care providers. I am pleased to report that, with the assistance of the University through the UB2020 strategic planning process, the School of Dental Medicine has enjoyed substantial recent success in renewing and restoring our faculty through the successful recruitment of high-quality faculty who will, as additional recruitments are concluded, strengthen all of our academic departments. This transition and growth in faculty marks the first real increase in faculty strength in more than 15 years. As the additional recruitments are concluded, I will provide more details about the outstanding group of new faculty who will sustain our School's traditions of excellence in the future.

In the meantime, I hope that you are all having a great summer, that you are looking forward as I am to the advent of the new academic year, and that I will have an opportunity to see many of you at the Buffalo Niagara Dental Meeting this fall.

Alumnotes

Robert L. DeFranco '65, Associate Professor of Restorative Dentistry, UB School of Dental Medicine, will retire this month after a career spanning 35 years of invaluable service to the school. Dr. DeFranco will be heading south to enjoy the year-round pleasures that Florida has to offer.



Stuart Fischman (Certif. Oral Pathology '66) participated in a meeting of the Middle East Center for Dental Education. The meeting launched a joint program between

Hebrew University and the Al-Quds Dental School, the first dental school in the Palestinian Authority.

On June 4th, Stu and his wife, Jane, were honored by Temple Beth El with the Carl Hoffman Award, in recognition to their service to the Greater Buffalo Community.

In June and July, Stu and Jane visited New Zealand, Australia and Scotland. Stu participated in the meetings of the International Association for Dental Research and the European Caries Research Organization (ORCA), discussing results of the Australian caries trial, which he helped design and conduct.

Lance Ortman '73, Certif. Prosthodontics '75, & MS '80 has stepped down as Associate Dean for Clinical Affairs after 8 years of service. He will remain on the faculty through Dec. 2006, when he will retire from the School of Dental Medicine.

Jude Fabiano '77 has been appointed Associate Dean for Clinical Affairs at the UB School of Dental Medicine. He has been a full-time faculty member in the Dept. of Restorative Dentistry since 1999 and served as director of the AEGD Clinic. Dr. Fabiano is also faculty advisor to the Buffalo Outreach and Community Assistance (BOCA) Program and chair of the Counseling, Advocacy, Referral, Education, Service (CARES) Advisory Board.

Frank Barnashuk '80 has been invited to Fellowship in the American College of Dentists. New Fellows will be inducted during the 2006 Annual Meeting and Convocation, to be held Oct. 16-17, 2006 at the MGM Grand in Las Vegas, NV. He has also been elected as a member to the American Academy of Oral Medicine (AAOM).



Joseph Dulski '80 enjoys the sun, wind and waves on summer weekends crewing with his parents on their 22 ft Hunter sailboat on Chautauqua Lake. They sail out of Long Point State Park Marina.



John Bowley (MS Oral Science '85) had recent Fulbright Scholar Research Fellowship at Taipei Medical University with 2-month Sabbatical from Boston University's

Goldman School of Dental Medicine. He visited the School of Dentistry, National Defense Medical Center and Tri-Service General Hospital, Taipei, Taiwan [pictured with Dean Fu and several colleagues].

In April 2006, after 21 years of service, **Robert L. Gedeon Jr. '85** retired at the rank of Captain from the Navy Reserves. He is currently in private practice in Niagara Falls, NY with Dr. Ronald Schwartz (Associate Member). He resides in Getzville, NY with his wife, Paula, and daughter, Bridget.

Timothy '92 & Maureen Raczka '92 left the Dept. of Restorative Dentistry, UB School of Dental Medicine and have relocated to North Carolina. They plan to continue private practice and teach part-time at the University of North Carolina.



Todd Sherwood '96 and his wife, Jane, are proud to announce the birth of their first child Brandon Harlan on July 4, 2006. Todd practices orthodontics in Harts-

In Memoriam

James H. Steere '37
Richard L. Glor '46
Raymond L. Szukala '58

Continued on page 13

2006 Reunion Classes

Make plans to celebrate in Buffalo during the Buffalo Niagara Dental Meeting!

Thursday, Oct. 26 UB School of Dental Medicine Reception honoring Reunion Classes, Squire Hall
Friday, Oct. 27 Reunion Dinner Dance, Hyatt Regency Hotel

Reunion Class Chairs for 2006

1941 Harold Ortman

1946

1951 William Braun, Jr.
William Rathke

1956 John Lucchese

1961 Sebastian G. Ciancio
Girard A. Gugino
G. John Kroubalkian
John H. Twist
Roger W. Triftshauser
Philip V. Vullo
Richard R. Wilson

1966 Joseph P. Rowbottom

1971 Peter D'Arrigo
Sanford Eisen

1981 Gerald Carlo
Kevin & Beth D'Angelo
David & Mindy Weinman

1986 Samuel Carocci

1991 David Ball
Rosanne Modica
Michael Rosenberg

1996 Laura Littman
Jeffrey M. Dolgos

2001 Bill Hawkins

Reunion Dinner Dance

Hyatt Regency Ballroom
Friday, October 27, 2006
Cocktails 6:30 pm Dinner 7:00 pm

We are still searching for a chair for the class of **1976**.

If you can help, please call Ray Miller at (716) 683-7666 or Marilyn Sulzbach at (800) 756-0328 ext 2 or (716) 829-2061.

Your reunion chair should be contacting you shortly!



Thank you to University Baptist Church

The University at Buffalo School of Dental Medicine and B.O.C.A. wish to express their sincere gratitude to Rev. Dale Meredith and members of the University Baptist Church for providing us with two new portable dental chairs for our dental mission trip to Ghana, West Africa.

About a year ago, Renzo Nylander, DDS '73 (pictured here with one of the new chairs) met Rev. Dale Meredith through a faculty member who attends his church. As it happens, Rev. Meredith's wife is a close friend of Dr. Jane

Paysinger, Assistant Director of Baptist Mission Hospital in Ghana. Using the hospital as a base, B.O.C.A. volunteers were able to travel to different villages to do dental work. Dr. Paysinger's assistance was invaluable throughout the mission.

Dr. Nylander is a faculty member in the Dept. of Periodontics and Endodontics.

BOCA Continues Care to Underserved Areas

Buffalo Outreach and Community Service (BOCA) is a School of Dental Medicine (SDM) organization developed and maintained by dental students and dedicated to providing care to underserved areas. Missionary journeys are organized and planned by dental students under faculty supervision, who accompany students during each mission as well.

SDM faculty and students traveled to five overseas locations in the 2005-06 academic year. Dental outreach to:

- Ghana, West Africa
- Patzun, Guatemala
- Tampico, Mexico
- Puerto Plata, Dominican Republic
- Cairo, Egypt / Damascus, Syria

provided 52 dental students with the opportunity to serve those in need and to gain valuable clinical and cultural experiences. Faculty who accompanied and provided supervision for the students were Drs. Elizabeth D'Angelo '81, Kevin D'Angelo '81, Elaine Davis, Jude Fabiano '77, Joseph Gambacorta '93, Ming Shih Levine '71, Carlos Munoz, Raymond Niceforo '83, Renzo Nylander '73, Brian Preston, Othman Shibly '99, Sawsan Tabbaa MS '97, Dian Wells '94 and Stanley Youdelman '64. Additional faculty included Eileen Fabiano, BSN, Leah Fabiano, Ph.D., Shirley Triplet, MPAS and Lois Youdelman, BSN.

In addition, several dental students have accompanied Dr. Kevin D'Angelo to underserved areas of Appalachia to provide free oral health care in weekend medical/dental clinics. Dr. D'Angelo, an experienced pilot, flies his own plane to these two-day clinics.

Dental services performed by BOCA participants included periodontal scaling and oral prophylaxis, amalgam and composite restorations, dental sealants and routine and surgical exodontia. Dental treatment of special needs patients, many who have not previously received dental treatment in the past, has been provided. Screening for hypertension, diabetes and pterygium, an eye disorder common in the Caribbean and Central America, has been incorporated into each mission. In addition, reading glasses have been made available for citizens of the countries served.

A summary of the services provided by dental students in the past year and since the inception of BOCA is provided below:

Year(s)	Patients Treated	Restorations	Extractions	Dental Services Provided
2005-06	1761	907	926	\$304,940
2003-04	4611	2557	4076	\$1,014,940



Mary Sheenan '07 and Candice Scruggs '07 complete a restorative procedure in Puerto Plata, D.R.



Kevin D'Angelo '81 helps prepare Michael Molisani '07 and Joshua Rolnick '07 for a surgical procedure.



Beth D'Angelo '81 supervising a restorative procedure performed by Joshua Rolnick '07



Kavi Sagunarthi '07 and Stan Youdelman '64 prepare to treat a patient in Puerto Plata, D.R.

ADA News

Anesthesia Conference Proposes Revisions in ADA Guidelines

The dental anesthesia communities of interest gathered May 12-13, 2006 for the ADA Invitational Anesthesia Conference, the first step in a year-long process toward revising the Association's anesthesia guidelines documents.

The conference's purpose was to gather information to assist the Council on Dental Education and Licensure's Committee on Anesthesiology in a comprehensive review and revision of the three documents—the ADA Policy Statement: The Use of Conscious Sedation, Deep Sedation and General Anesthesia in Dentistry; Guidelines for the Use of Conscious Sedation, Deep Sedation and General Anesthesia for Dentists; and Guidelines for Teaching the Comprehensive Control of Anxiety and Pain in Dentistry.

"Outpatient sedation and anesthesia by dentists has grown, increased and changed in many ways since the documents were first prepared," said Dr. Guy Shampaine, chair of the Committee on Anesthesiology and member of CDEL. "By increasing access to care for patients who require this adjunct and patients who are medically compromised, sedation and anesthesia are important components of dentistry," Dr. Shampaine continued. "The House of Delegates saw the changing practice environment and called for the invitational conference to make sure the ADA guidelines remain current and relevant." The committee intends to streamline the documents, he said. "There are redundancies that we'll try to eliminate," added Dr. Shampaine.

Another anticipated revision involves the organization of the guidelines. The current documents are focused on route of administration, which was appropriate at one time, explains Dr. Shampaine, because route of administration often was linked to depth of sedation or anesthesia. "However, that is no longer the appropriate concept," he said. "The guidelines should address training and safety instead of how you got there. In reality, we use all routes of administration to achieve a therapeutic outcome so it is more relevant to talk about depth of anesthesia than how you got there."

Experts in the field of dental sedation and anesthesia invited to present at the conference included Dr. Douglass Jackson, University of Washington; Dr. Ronald Kosinski, a pediatric dentist; Dr. Joel Weaver, Ohio State University and the ADA's spokesperson on anesthesia issues; and Dr. John Yagiela, University of California Los Angeles. Committee members Drs. Mort Rosenberg and Andrew Herlich rounded out the speaker line-up.

Among the agenda items were discussions of the sedation/anesthesia continuum, clinical guidelines for sedation/general anesthesia, emergencies in sedation/anesthesia, considerations in the pediatric patient, the use of benzodiazepines and incremental dosing for oral sedation.

The invitational conference was "the ADA at its best," said Dr. Shampaine. "The conference truly demonstrated the leadership role that the American Dental Association is taking to make sure the quality of care is at the highest level and at the greatest level of safety for patients," he said.

Dr. Weaver applauded the collegial atmosphere engendered by the attendees, including "representatives from the major dental groups whose members are most impacted by the guidelines. "In the end, I believe that this conference laid the foundation for some very meaningful changes in these documents that appear to be necessary at this time," added Dr. Weaver.

Four workgroups have been appointed by the Committee on Anesthesiology to study an introduction to the guidelines and the three levels of sedation (minimal/nitrous, moderate, deep sedation/general anesthesia). The committee anticipates that draft proposed revisions to all three guidelines documents will be ready for circulation to the communities of interest in early 2007 with final proposed documents to be presented to the 2007 House of Delegates.

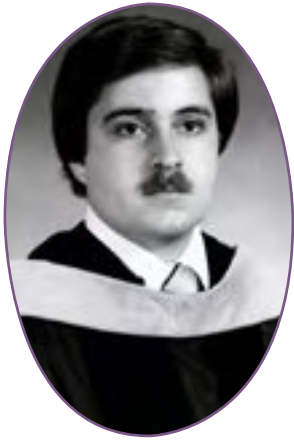
ADA Establishes Award to Honor Dentist Humanitarians

The ADA has established a new award that will annually honor a member whose work sets a shining example of humanitarianism for others in the profession.

The new ADA Humanitarian Award, which the ADA Board of Trustees will confer, will debut in 2007. The ADA Center for International Development and Affairs will administer the new award, developed by the Association's Committee on International Programs and Development. A member of the Council on Access, Prevention and Interprofessional Relations will assist CIDA with nomination review.

"So many dentists just give so much of their time and resources to help others," says Dr. Greg Chadwick, CIPD chair. "They don't do it looking for thanks, but we think it's important that the ADA recognizes them and their extraordinary efforts."

(Continued on page 10)



Class of 1980 Dave Foti Scholarship

The first annual Class of 1980 Dave Foti Scholarship was presented on August 15th to Jennifer Frustino '09. She received the award at the 2nd Year Class Breakfast and Scholarship Ceremony in Harriman Hall. The award was presented by Dean Richard Buchanan and Frank Barnashuk, representing the Class of 1980.



Jennifer was nominated by her classmates for this award which goes to the first-year student who displayed a spirit, character and course of personal action that helped her classmates weather the difficulties, trials, tribulations and challenges of the first year of dental school life.

The scholarship is in honor of Dr. Dave Foti '80 of Jamestown, NY who passed away in 1999 after a 10-year battle with Multiple Sclerosis. The endowment for the award was made possible by the successful Reunion Giving Campaign of last year's 25-year reunion class -- the class of 1980.

Articles

Detecting Oral Cancer

Each year, approximately 30,000 Americans are diagnosed with oral or pharyngeal cancer, and oral cancer is responsible for about 8,000 deaths. An alarming percentage of people diagnosed with oral cancer (15 percent) will not survive the first year, and only 59 percent will survive the first five years. According to Donna Warren-Morris, a nursing professor at the University of Texas Houston Dental Branch, and Pamela Wade, an instructor at the Tyler Junior College School of Dental Hygiene, writing in the June issue of the Texas Dental Journal, early detection of oral cancers is key to improving prognosis.

The five-year survival rate, for instance, is doubled if cancerous lesions are diagnosed and treated when they are less than two centimeters in size and tripled if less than one centimeter.

Dentists and dental hygienists have not only the opportunity but also a professional obligation to examine their patients' oral cavities for signs of cancer, the authors argue. "Every dental practice should have a protocol for oral cancer screenings so that each patient receives, at the minimum, a yearly exam," they write.

Aside from examination, it is important to screen patients by asking them about risk factors for oral cancer. This includes a technique called the "five A's":

- Asking the patient about his or her tobacco use (what type, how frequently, etc.);
- Advising the smoker to quit;
- Assessing the patient's readiness to quit;
- Assisting those who are ready to quit; and
- Arranging follow-up contact within a week of the quit date.

[Reprinted with permission from the Texas Dental Journal.]

The Top Five Bad Dentists in Movies

Brian Shue, DDS, editor of the San Diego County Dental Society's *Facets*, ruminates on the negative portrayals of dentists in the movies in the April issue. Below are his top five baddies:

1. Sir Laurence Olivier as the Nazi dentist in *Marathon Man* (1976). Was there any doubt this would be No. 1?
2. Christopher Lee as Willie Wonka's father/dentist in *Willie Wonka and the Chocolate Factory* (2005). Dentists don't REALLY hate candy.
3. Steve Martin as the leather-jacket-wearing sadist in *Little Shop of Horrors* (1986).
4. Steve Martin (what does he have against the dental profession?) as the immoral dentist in *Novocain* (2001).
5. Matthew Perry as a dentist in *The Whole Nine Yards* (2000), trying to stay alive while hiding from the mob, relying only on his dental tools. Ugh.

[Reprinted with permission from *Facets*, San Diego County Dental Society.]



The 29th Annual

Buffalo Niagara Dental Meeting

Sponsored by the U.B. Dental Alumni Association

Wednesday, October 25

5:30 pm - 8:00 pm Opening Night Celebration
Supported by Ivoclar Vivadent Inc.



Sebastian G. Ciancio, DDS '61

Thursday, October 26

8:30 am - 4:30 pm Periochemotherapeutics: The 21st century; Sebastian G. Ciancio DDS '61 *Alumni Speaker Series*
Supported by educational grants from Colgate & Oral-B.

8:30 am - 4:30 pm **The \$1,000,000 staff; Joe Steven Jr DDS & Mark Troilo DDS

8:30 am - 11:30 am **Learn to live healthy with 5 simple components; Robert Vest
Supported by an educational grant from Gold's Gym.

8:30 am - noon CPR; MP Emergency Response Training

8:45 am - 11:45 am Finding your way through the maze of removable prosthodontics; Richard A. Williamson, DDS, MS
Supported by an educational grant from Ivoclar Vivadent Inc.

8:45 am - 4:15 pm Comprehensive laser dentistry from A to Z; Ron Kaminer DDS '90 *Alumni Speaker Series*
Supported by an educational grant from Biolase.

8:45 am - 11:45 am Oral bioterrorism and weapons of mass destruction; Debra Seidel-Bittke RDH Supported by educational grants from Orapharma & Oral-B.

9:00 am - 4:45 pm A blueprint for esthetics; Jeff Blank DMD
Supported by an educational grant from Dentsply Caulk.

9:00 am - noon Poster Presentations / Table Clinics

9:00 am - noon **Collections, strategic planning; Dan Vecchio Jr Supported by an educational grant from American Credit Control Corp.

1:00 pm - 4:00 pm Are you prepared to treat medically and developmentally compromised patients? Debra Seidel-Bittke RDH
Supported by educational grants from Orapharma & Oral-B

1:15 pm - 4:15 pm Infection control for the dental team: What's New? Terrence J. Thines DDS '75, MS

1:30 pm - 5:00 pm CPR; MP Emergency Response Training

2:00 pm - 5:00 pm **Successful transition strategies; Sarah Lynch
Supported by an educational grant from Jim Kasper Assoc. LLC

Register Early: Pre-registration closes Thursday, Oct. 12, 2006 and prices go up!

Cancellation Policy:

- Written requests for a refund must be received by Oct. 12.
- Cancellation fee of \$25 will apply to all cancellations.
- No refunds issued after Oct. 12.



Joe Steven, Jr., DDS



Mark Troilo, DDS

Upstate New York's Premier Dental Event

October 25-27, 2006
Buffalo Convention Center

Save the Dates!



Dick Barnes, DDS



Mark Hutten, DDS, MS



Debra Seidel-Bittke, RDH

Friday, October 27

- 8:30 am - 4:30 pm Creating a successful cosmetic practice; Dick Barnes DDS
- 8:30 am - 11:30 am Taking the mystery out of detecting oral cancer & potentially malignant diseases; Scott Benjamin DDS '78 *Alumni Speaker Series*
- 8:30 am - 11:30 am **Business succession & retirement; Robert Bielecki CPA & Donald Halicki; Supported by an educational grant from AXA Advisors.
- 8:30 am - 11:30 am Tuberculosis: An ancient disease -- a significant modern problem, John Wright MD & A tooth-related near-death experience; Norman D. Mohl DDS '56, PhD
- 8:30 am - noon CPR; MP Emergency Response Training
- 8:45 am - noon Oral pathology for dental professionals; Olga Ibsen RDH, MS Supported, in part, by an educational grant from Procter & Gamble.
- 8:45 am - 4:30 pm Next level of root canal therapy; A. Utku Ozan, DDS, MS Supported, in part, by an educational grant from Medidenta.
- 8:45 am - 11:45 am Infection control for the dental team: What's new? Terrence Thines DDS '75, MS
- 9:00 am - 4:15 pm Predictable restorative outcomes using one-stage implant system; Mark Hutten DDS MS Supported by an educational grant from Straumann USA.
- 9:00 am - noon Insurance payment, coding & patient communication CDT-2005-2007 codes; Carol Tekavec RDH
- 1:15 pm - 4:15 pm Differential diagnosis of oral lesions; Olga Ibsen RDH, MS Supported, in part, by an educational grant from Procter & Gamble.
- 1:00 pm - 5:00 pm Risk Management VI; John Asaro DDS '73 & Kevin Ricotta JD
- 1:30 pm - 4:30 pm It's not your father's operator; Scott Benjamin DDS '78 *Alumni Speaker Series*
- 1:30 pm - 4:30 pm Record keeping basics; Carol Tekavec RDH
- 1:30 pm - 4:30 pm Dentist technician team communication for esthetics & function; Ken Jones CDT & Fred McIntyre DDS '72, MS Supported by an educational grant from New Creation Dental Studio.
- 1:30 pm - 5:00 pm CPR; MP Emergency Response Training

**May not meet requirements for mandatory NYS continuing dental education credits.

For more information call: (800) 756-0328 ext. 2 or (716) 829-2061 or visit our website at www.ubdentalalumni.org.

evening lecture series the ce caffe'

September 13	Dental Office Infection Control & Safety OSHA Training & Compliance
September 27	Current Issues in Diagnosis & Mgmt in the Dental Hygiene Practice
October 4	Update on Drugs with Dental Indications and Complications
November 1	Smoking Cessation...A Protocol for Patients
November 8	Serendity (Dental Serenity) Behavior Modification for Increased Pt. Compliance
November 15	Forensic Anthropology Basics

CALL TO REGISTER at the SITE nearest you!

Binghamton 607-777-6086	Buffalo 716-829-2320
Cobleskill 518-255-5528	Corning 607-962-9479
Jamestown 716-664-8279	Morrisville 315-684-6615
Norwich 607-334-5144	Watertown 315-786-2438



Club Dent 2007

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based on dbl. occ.



The magnificent Bahia Principe Akumal is a hidden paradise featuring a distinctly Mayan influence, with rooms and suites distributed throughout 3-story villas surrounded by acres of tropical coconut palms and exotic vegetation.

With a secluded location near many local ruins, this resort is stretched along a wonderful 3/4 mile stretch of white sand beach, surrounded by 275 acres of tropical vegetation. It's 1 hr from the Cancun airport, 35 min from Playa Del Carmen, 20 min from Tulum.

Price includes RT airfare, taxes, and resort jr. suite, services, activities, bars and restaurants and gratuity.

Seats Limited...CALL TODAY!
(716) 829-2320 or 800-756-0328

ADA News (continued from page 7)

The new award is designed to recognize "individuals who have distinguished themselves by outstanding, unselfish leadership and contributions to their fellow human beings in the field of dentistry through the dedication of extraordinary time and professional skills to improve the oral health of underserved populations within the United States and/or abroad."

Potential recipients are individuals whose volunteer work and leadership:

- contribute significantly to alleviate human suffering and improve the quality of life and oral health of those served,
- demonstrate significant leadership and outstanding humanitarian volunteer accomplishments that bring honor to the profession,
- serve as an inspiration to the dental profession,
- show a commitment to humanity and selflessness in regard to direct personal or organizational gain or profit,
- establish a legacy of ongoing value and benefit to others.

Contact CIDA for more information by calling toll free, Ext. 2727 or e-mail John Hern at hernj@ada.org
Source: www.ADA.org, Today's News, June 19, 2006

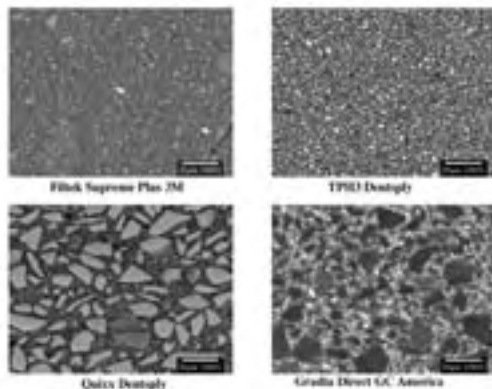
OKU Student Scholarship Breakfast

The University at Buffalo School of Dental Medicine Chapter of Omicron Kappa Upsilon (OKU) will hold its Annual OKU Student Scholarship Breakfast on Friday October 27, 2006. The breakfast meeting will be at 7:30 AM in the Hyatt Regency Hotel during the Buffalo Niagara Dental Meeting.

The Lambda Lambda Chapter will honor the top five ranked members of each predoctoral class of the School of Dental Medicine. Members of OKU are welcome to attend, and recognize these outstanding academic achievements. An invitation announcement will be mailed closer to the breakfast meeting.

Research Corner

U.B. School of Dental Medicine



Microstructure of four restorative resins.

There are over 50 brands of restorative resins on the market today. The nomenclature used to classify them is increasingly complex. In addition to Hybrid, Microhybrid, Packable, and Microfilled we now have Nanofilled. In an effort to understand these categories, a survey of resins available today is being conducted. The photograph depicts microstructure of four different resins. As classified in the literature, Filtek Supreme is a nanofill, TPH3 is Universal hybrid, Quixx is a posterior composite and Gradia is a microfilled hybrid. Examination of the microstructure allows a better understanding of the physical properties of these materials.

Study Authors:

Mary A Bush, DDS, Raymond Miller, DDS, Peter Bush

Forensic Dentistry Research

Identification of individuals who have sustained extensive damage to the tissues due to incineration is one of the most challenging types of identification to make. Fire will destroy the facial characteristics, fingerprints and DNA. Frequently, a dentist may be called upon to aid in the task at hand since the teeth usually survive such circumstances. Dental comparison is a legally accepted means of identification and can be used even if one tooth remains. However, if the fire burns hot enough, or long enough, even this valuable means of identification may be lost. Victims of car bombings, airline and building explosions, wrongful cremation and murder can sometimes be placed in this category.

In the July issue of the Dental Report we commented on the variety of microstructures associated with the restorative resins that are available on the market today. Not only do these materials have various microstructures, but they also have unique elemental compositions that allows for distinction between brand or brand groups.

In a study published in the Journal of Forensic Science, May 2006, we reported that this elemental distinction is retained even after extreme conditions such as cremation. Results of that study showed that the resins were recoverable and identifiable by brand or brand group, since some of the manufacturers used the same elemental formula. It was determined that it was the inorganic filler component of the resin which survived the heat. The organic component was completely destroyed at 600c.

In a second study, which will appear in the January issue of the Journal of Forensic Science, we created a more realistic situation. The purpose of this study was to determine if an individual could be identified solely by their restorative resins under three circumstances: Non--cremated, cremated and processed cremated remains. Hence, this study involved the placement of the resins in cadavers. After approval was granted from the Human Subject Review Board, six cadavers were selected. All existing resins were removed. Each cadaver received between



Inspection of cremains for restorative resins.

10-13 new resins based on available tooth surfaces. Five different resin brands were used, and each cadaver received a unique combination of those resins. A total of 70 restorations were placed. The cadavers were then cremated and processed on campus.

For this study we used a portable X-Ray Fluorescence unit. This unit is about the size of a hairdryer, and will give an elemental reading of the resins in about 6-10 seconds.

It was determined that all six individuals could be identified under each circumstance. Even in the ashed remains, we were able to retrieve small pieces of resin and distinguish between the cadavers.

This study allows for hope of identification, when no hope may be present. The ability to distinguish between resins gives investigators a new tool for identification. Continuation of this study will involve generation of a database of restorative materials in conjunction with the FBI.

Study authors: Mary Bush, DDS, Raymond Miller, DDS, Peter Bush, BS

Chautauqua Dental Congress



The 27th Annual Chautauqua Dental Congress was held June 28-30, 2006. It convened in the Hall of Christ at the Chautauqua Institute from 9am to noon Wednesday through Friday. Social events include a cocktail cruise with faculty and staff aboard the Summer Wind Wednesday evening and a welcome reception Thursday afternoon at the Athenaeum Hotel hosted by Dental Congress Director Dr. Seb Ciano and his wife, Marilyn.

Continuing Education lectures this year included Treating Non-Adults in General Practice...An A ~ Z Guide (Dr. Paul Creighton); Esthetic Dentistry...Predictable Outcomes Created through Appropriate Function (Dr. Fred McIntyre); and Regeneration of Periodontal Hard and Soft Tissues (Dr. Othman Shibly).

Dr. John Simpson, President of UB, and Dean Richard Buchanan, School of Dental Medicine, attended the Welcome Reception at the Athenaeum Hotel Thursday evening. They were on hand Friday morning as well to welcome the attendees at the final morning of the Dental Congress.



Marilyn & Seb Ciano and
Dean Rick Buchanan & Cam Nguyen



Don Crawford, Jim Shorr '71 and Don Beebe

Alumnotes (continued from page 3)

dale, NY, and teaches part-time at New Jersey Dental School. Jane is a project manager at United Hospital Fund of NY. The family resides in Edgewater, NJ. Todd sends best wishes to his classmates at their upcoming 10-year reunion, as he will be home with his wife and baby.

Kelly Tsimidis '97 is currently in private practice in Lockport, NY. Her husband, Steven Vukas, is an oral & maxillofacial surgeon who is in private practice in the area and is also an associate professor, UB School of Dental Medicine. They love the area and live in Clarence, NY with their three children Andrea (4-1/2 years), Sophia (3-1/2 years) and Stefan (1 year).

Alysia Bonvino '98 joined The Healthy Smiles Dental Practice of Dr. Suzanne Shapero, in Baldwinsville. Bonvino is a graduate of Ithaca College and the State University at Buffalo School of Dental Medicine. Her dental residency was spent at St. Joseph's Hospital Health Center.



Heather VanWinkle '98 and Walter Homayoon (Prosthodontics '99) would like to announce the birth of their son, Ryan Thomas Homayoon, who was born on June 20, 2006.

He has a big sister, Emily Marie, who will be turning two on Sept. 3, 2006.

Mary A. Bush '99 has joined the faculty of the Dept of Restorative Dentistry, UB School of Dental Medicine as a full-time assistant professor. She will serve as clinical faculty in Tier A and will also teach in the pre-clinical operative course.

Michael L. Greenbaum '99 and his wife, Kristy, welcomed a new baby girl, Carly Phyllis Greenbaum, born on May 30, 2006.

On August 1, 2006, **Kevin T. Axx '02** completed a post-grad program in endodontics at Temple University in Philadelphia. He will be joining the practice of Randolph Todd, DMD in Manhattan on Sept. 1st.



Chih-yi (Robert) Li '02 was a member of a mission team to Kenya in July of 2006. This team consisted of 25 members from the First Baptist Church of Ellisville in St. Louis, MO. There were 2 dentists

on this team. Together, they were able to remove 160 badly decayed teeth from 150 patients, without such luxuries as a roof, electricity, or x-rays.

Western NY Dental Group named **William Crossetta '03** to the professional dental staff at its Williamsville office located at 1020 Youngs Road. Dr. Crossetta will continue to see patients at the dental group's Hamburg office at 5907 South Park Ave.

Humphrey Ho '03 finished his residency in Rochester, NY and moved to San Diego, CA with his wife, **May Chen '02**. Humphrey is in the process of opening a practice specializing in periodontics.

Justin J. Reaves '05 completed a practice residency at Faxon-St. Luke's Healthcare in Utica, NY and has joined the practice of his father, Dr. Glenn A. Reaves, in New York Mills, NY.

Daniel M. Shin '06 is enrolled in a Fellowship Residency in periodontics at the University of Indiana.

Wael Y. Elias (Certif. Oral Pathology '06) successfully passed the Fellowship Examination of the American Academy of Oral and Maxillofacial Pathology (AAOMP). He will become Board eligible and aim for Diplomate status of the American Board of Oral & Maxillofacial Pathology this October. Dr. Wael will continue his studies at the UB School of Medicine, working toward his PhD in Pathology with Dr. Peter Nickerson.

THANK YOU FOR THE EXTRACTED TEETH

A sincere note of appreciation to those alumni and others listed for sending (some on multiple occasions) extracted tooth specimens to be used in the Dental Anatomy course tooth bank:

Dr. Larry Corso '00
Dr. Richard Davis (via Dr. Ralph Davis '51)
Dr. Steve Dweck '93
Dr. Bill Hawkins '01
Dr. Cynthia Leung '02
Dr. Robert Marchese '91
Dr. Kim Meabon '91
Dr. John Mott '83
Dr. James Olson '64
Drs. Jeff Panara '90 and Mary Ann Panara '92
Dr. Doug Robbins '97
Dr. David Rose '67
Dr. Jim Ross '84
Dr. Joseph Rowbottom '66
Dr. Dan Schiavone '94
Dr. Mark Tomiuk '01

My apologies to anyone I may have left out.
George Ferry '78, Dental Anatomy course director

Development News

Following is a list of individual alumni and friends who have made gift of \$1,000 or more to the School of Dental Medicine since January 1, 2005. Those names with an asterisk are new Dean's Associates, who have contributed at this level since June 13, 2006.

As support to the school has grown, we have added a new donor recognition group, the Second Century Society. This group includes individuals who have made gifts of \$2,500 or more. We thank all of our Dean's Associates and Second Century Society members for their generous support of our students, faculty and programs. We strive for accuracy in our listings, so please let us know if we have missed your name.

As the year progresses, we will be sending Dean's Associates and Second Century renewal information to those alumni and friends whose membership has expired or will soon expire. Our goal this year is to increase the number of Dean's Associates to 200 -- please consider joining this year. Call Carol Vanini at (716) 829-3931 or (800) 756-0328 ext. 2 with any questions.



Carol R. Vanini
Director of Development

Second Century Society

Dr. Richard F. Andolina
Dr. Robert E. Baier
Dr. Joseph E. Bernat
Dr. John D. Berner
Dr. William R. Calnon
Dr. Margaret A. Certo
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Dr. Phillip C. Barner
Dr. Jeffrey A. Baumler
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Editorial

The Questionable Tooth

by Elliott M. Moskowitz, D.D.S., M.Sd

Modern dentistry offers sophisticated treatment options for individual patients. Quite frequently, the clinician must decide upon a treatment plan for a severely compromised tooth. A variety of problems might be associated with such a tooth and could entail periodontic, endodontic surgical, orthodontic or restorative considerations. Furthermore, these considerations may exist as a sole clinical finding in any of the aforementioned areas or, more often, in combination with other multidisciplinary considerations. How does the clinician create a clinical database in such instances, from which he or she can derive the best treatment option for the patient? And what sources will the dentist use to gather this type of information?

Without question, the foundation upon which all our treatment decisions are based is ethics. Considering the patient's best interests above all other considerations is paramount. Without such consideration, it is doubtful that any clinician, no matter how skillful, will succeed in avoiding harm to patients. Risk/benefit/cost considerations must be factored into the equation.

With advances in both endodontics and implant dentistry, the choice as to which procedure is appropriate for a patient might become complicated. That is why credible clinical research trials, as reported in our peer-reviewed publications, become an important and indispensable tool for the clinician and educator. Assessing predictors of successful outcomes greatly facilitates arriving at a cogent and meaningful treatment plan when attempting to manage the "questionable tooth." These predictors might include factors such as age, general health, current medications, presence or absence of noxious habits or addictions (tobacco use, etc.), periodontal health, oral hygiene levels, occlusion, expected patient compliance, and the financial commitment that an individual patient is willing or able to make to treatment.

The education of a dentist prior to and after dental school graduation becomes even more complex than before. Combined with the needed experience (empirical or otherwise), the dentist's database enlarges and becomes

more valuable with continued knowledge gained through postgraduate education. The fifth year, or PGY-1, that is mandated now for licensure in New York State will help to refine the critical thinking of recent graduates and increase their clinical skills, still under the watchful eye of faculty/attending staff.

We have unprecedented options to manage the questionable tooth. Relatively recent advances in endodontics, implant and restorative dentistry, periodontics, surgery and orthodontics provide numerous alternatives to the clinician when considering management of severely compromised teeth. These clinical and mechanical protocols and techniques have been developed as a result of more profound understanding of the oral biology associated with alveolar bone, the periodontal membrane and oral tissue response to our procedures. Additionally, advanced biocompatible materials have, undoubtedly, enhanced these new clinical protocols.

In the end, it is all about the "Four E's": ethics, evidence-based dentistry, education and empiricism. And I am proud to say that we, as a premier profession, adhere to these principles rather admirably.

[Reprinted with permission, *The New York State Dental Journal*, April/May 2006, Dr. Elliott M. Moskowitz editor]

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