MESSAGE FROM THE CHAIR

The season of accreditation is upon us! This sixth edition of the Department’s newsletter finds us with an incredible trove of information on the new changes that make us great! We are leading the way in caries management, minimum intervention and education programs with our students. Our Department’s research is featured in a diversity of journals from Scientific American to American Journal of Health Behavior. As a vital growth center for dental science, we host world-class scientists for sabbatical ranging from John Featherstone, currently Dean at UCSF, to Jo Fencken. We not only teach the state-of-the-art, we create it! We are diverse, studying the effects of aging, and, as an example, our FTRG has recently received a $1.8M Grant to Evaluate Models for Reviewing Maltreatment Cases Among Army Personnel...we are diverse researchers. Take a chance to look through the list of articles, texts and presentations produced by members of our department.

We have recently created a world-class Advanced Education General Dentistry program. Residents will be trained in treating the medically complex and difficult patient. They will receive education in implant restoration techniques, digital dental impressions and advanced restoration techniques. Many of you are contributing to their education, thank you. They are led by Chrystalla Orthodoxou and Peter Mychajliw. They receive special prosthetics training from David Arghavani.

Over the next year, the excellence that is Cariology and Comprehensive Care will be called upon to help demonstrate all that we do in the College, competencies, peer assessment and self-assessments and more...let’s show the nation how good we are!

Enjoy this 6th edition of our newsletter!
Message from the Editor

NYU Dentistry

Department of Cariology & Comprehensive Care

Again I am excited about the 6th addition of the department newsletter. Writing about our Department of Cariology and Comprehensive Care is a labor of love. The things that are happening on a daily basis, the progress we are making as leaders in dentistry and dental education makes me proud to be part of this faculty and the college. Once again I hope that as you read what we are doing as a department you will have the same feeling of pride.
Editor’s note

One of the remarkable things about our department is our leadership. Being in a very unique position of being at the college for forty years, I have had the opportunity to work under and for various administrators. Having been a chairperson for the Department of Cariology and Operative Dentistry I know the responsibilities and requirements that are necessary. Dr. Wolff has taken this department to a national and infact international status. Even more amazing is despite all the different hats he wears he continues to be one of the most prolific authors of a variety of publications.


Presentation: Designing and Utilizing the Electronic Health Record, ADEA Business Finance and Clinic Administration Kansas City KS October 8, 2016.


Behind the Scenes

You may have heard of Bonnie and Clyde well we have Sharon and David. Together they have created a fantastic partnership for the second year simulation course. Our students learn the fundamentals of surgical single tooth intracoronaral cavity preparations during the first year program administered by Dr. Bucklan and Dr. Klaczany. The second year program provides an opportunity to refine those skills in preparation to entering the clinic but has a much more important role. The transition into the clinic needs to be as seamless as possible. Implemented last year, students are introduced to case-based patients where they are required to provide not just surgical care, but also medical care. They not only perform risk assessment for caries but also deal with medical conditions, tobacco sensation and understanding the relationship of pharmacological issues as well. All this information is now placed into the axiUm record that each student maintains for his simulated patient.

Here is where Sharon steps in to help guide the students in entering the required simulated patient information into axiUm. Sharon attends all 4 sessions on Monday that starting at 8:00 AM and ending with the last session from 6:00 - 8:00 PM.

The two-hour session involves one or more surgical procedures including the placement of the appropriate restoration. Students work in teams spending a portion of the session assisting. The sessions where a student has been assigned to assist has resulted in many unexpected benefits. The student performing the procedure is aware that his/her assistant will critique their work and if the student dentist is unprepared it will be immediately evident. Students like to impress their colleagues. The student dentist does not want to embarrass her/himself so they try harder. More work gets accomplished and it is possible to complete procedures in a two hour sessions when three hours was previously the norm. The simulation session mirrors the clinic session so students are prepared to working in a two hour clinic block. Finally and probably most important, having Sharon Perelman available during the simulation sessions ensures that the students learn the axiUm system. This has made the transition into the clinic more fluid. Clinic faculty has already noticed a difference with this year’s D3 students.
“Behind the Scenes”

“Behind the Scenes” is truly an inadequate description of Marie Lydia T. Bien-Aime or better known as Marie. I call her the 11th floor Dean or perhaps the Queen. She runs the 11th floor facilities with an iron hand. She can be heard at any time from any where without a microphone.

Marie joined the NYU staff in central sterilization in 1998. In 2002 she was promoted to Pre-Clinical Senior Administrator. Prior to joining NYU she completed the NYU one year Dental Assisting Program. Marie is one of those very unique employees who gets to meet and know each of our 1,500 predoctoral students.

What faculty and students see her do is probably less than half of what she does “Behind the Scenes. It is Marie who makes sure that both labs are ready each day. She orders supplies and equipment as necessary from Central Sterilization, sets up kits for new classes, collects and dispenses equipment each day as well as at the end of the academic year. She inventories all kits as they are returned by the students.

Marie is the person you will hear faculty say, “Marie, where can I find…. Or can you please get me….” Students most often will say, “Hey Marie, my simulator is broken can you help me?”

Marie has two daughters one just completed college and is going on for an RN degree and a younger daughter age 9. On a personal note, I have worked with or for Marie in the Simulation Lab since 2002 and I certainly can’t think of a better more productive and caring individual. NYU is lucky to have such a talented person.
As part of a new school-wide organization Responsibility Centered Management (RCM), most of Clinic Operations in the Schwartz Building has become part of the Department of Cariology & Comprehensive Care.

The DDS Clinic Operations is led and managed by Senior Director, Ira Beresnoy. Ira reports directly to Drs. Wolff and Hershkowitz. Clinic Operations consists of 11 Clinic Managers and 31 Patient Service Representatives (PSR’s). Included in clinic operations are 8 Dental Assistants that support the new AEGD program.

Clinic Operations is often the front line of communication with patients and students. The Clinic Managers supervise and oversee the day to day patient flow in the clinics and financial operations of each of the Group Practices. The Patient Service Representatives are the face of the Group Practices. They meet and greet each patient. With nearly 300 total patient visits per day they provide the liaison for student and patient. They are responsible for the patient flow as well as assigning clinic chairs for the students. In addition with about 50% of the patients having some type of dental coverage, the PSR’s are responsible for validating any insurance information and collecting the appropriate fees. They man the phones to handle all incoming calls.

Mr. Beresnoy reports that the change in oversight especially with monthly meetings with Dr. Wolff, has made it easier to quickly recognize and report issues or concerns as well as any suggestions for change. He has seen an improvement in the moral of the employees as they now see that there recommendations or suggestion are more easily brought forward and a follow up takes place.
Behind the Scenes

In a previous issue, I included a list of the AC’s (Academic Coordinators) for each of the practices. These seven individuals cover the 14 groups. Since my last report a number of them have either been promoted or moved on. I want to introduce you to the new AC’s and welcome them.

Marureen Jones
2nd Fl. A&B group

Dayake Bubb
3rd Fl. B group

Christopher A. Wilson
5th Fl. A group

Marion Asafu-Adjaye
5th Fl B group
Behind the Scenes

Visiting Scholar

Dr. Jo Frencken is a professor in Minimal Intervention Dentistry at the Radboud University Nijmegen, the Netherlands. He obtained a MSc degree in Dental Public Health from the University of London and a PhD from the University of Nijmegen. He has been a private practitioner, researcher, university lecturer and policy maker in three African countries for 13 years between 1977 and 1997. He also served as an epidemiologist/researcher at the Netherlands Institute for Preventive Health Care for 3 years.

His current interests includes minimal intervention dentistry, prevention and minimal operative intervention techniques, and Atraumatic Restorative Treatment (ART) for managing dental caries that uses glass-ionomers as the adhesive material. He has also published extensively (over 160 publications) with colleagues from many nations. He currently supervises 6 PhD candidates from 5 countries.

Jo came to NYU about 6 months ago at the invitation of Dr. Wolff. Jo was on a sabbatical and was looking for a place to hang his hat that could provide him with the scholarly material to pursue his sabbatical project.

Jo explains his experiences and accomplishments:
“The goal for the sabbatical was to write a book about Minimal Intervention Dentistry (MID) with a focus on Atraumatic Restorative Treatment (ART) concept. I was also available for educational purposes (lectures, demonstrations, etc.) when a need occurred.

Hundreds of studies performed by various research groups in many parts of the world have investigated aspects of ART over the last 30 years. It was time to combine those findings into a book. You know that MID is the current way forward in Cariology and Caries Management Dentistry and this is not known by many colleagues in the world. As ART is the most researched example of MID, I thought it would be worthwhile to spend my sabbatical on drafting the book. Yesterday, (editors comment this presentation occurred after his sabbatical although he did make an valuable contribution see CAMBRA-CODE CONFERENCE) I gave a presentation on ART for colleagues who provide oral care for home-bound and frail elderly. As research is showing (the need for more data) ART can become a very beneficial tool in assisting the elderly in keeping their natural teeth: ART is quality care and it is mobile.

I was provided the space in Dr. Wolff’s office to write and I was able to do this in New York City under very pleasant circumstances with a great NYU e-library at hand.”

As you know CDCA has finally adopted an indirect pulp cap as a possible treatment during the licensing examination when appropriate and indicated. Dr. Frencken made an excellent presentation discussion affected versus infected dentin and the best scientific evidence when indicated to defend and accept this treatment option. He also provide me, and many others, some excellent opportunities to learn and update our Cariology Curriculum.
What is New at NYU???

Advanced Standing Program:

We are pleased to welcome the second class of Advanced Standing Students who started the program on June 1, 2016. The 10 selected students were chosen from over 400 applicants. They presented with impressive credentials for admission which includes completing Part 1 and Part 2 National Boards as well as a challenge bench examination, a written examination and a personal interview.

As you may remember 14 candidates were admitted last year. Based on reports from the GPD’s and Dr. Klaczany, director of third year Cariology and Comprehensive Care program, the 2017 Advanced Standing Group is doing extremely well in the clinic. They have assimilated well into their new environment and we would expect the same for this new class.
We are going to Miss you!!

Dr. Jay Schwartz was an NYU graduate first joined the biomaterials department in 1991 as Clinical Assistant Professor within the Division of Restorative and Prosthodontic Sciences. He resigned after one year. In 1998 I had the good fortune of rehiring Jay as an Clinical Associate Professor in the Operative Department. Jay was probably the most dapper faculty member we have had. Jay is a true intellectual in the teaching of dentistry. He is evidence-based, accurate, and brings the best out of our students. He was consistently rated by his students as a “Superior Teacher”. His assignment was primarily in the 2S clinic. Jay chaired the Part-time Promotions and Tenure Committee from 2006-2016 as well as being the part time representative to the Executive Management Committee from 2004—2016. Jay will be dearly missed and we wish him all the best.

Dr. Harry Meeker

Editors note: I remember when Harry joined the Operative faculty as a full time instructor in 1978. He was young, enthusiastic, and eager to learn. In 1982, at the time when the NEW Comprehensive Care was created, Harry was selected as one of the Group Practice Coordinators. He was granted tenure in 1988. When the modules were created in 1992 Harry was appointed Associate module director and in 1998, was appointed a module director. He subsequently left that position around 2008 and became involved in various aspects of our department. He created the PI program (Plagiarism Investigator) which I wrote about in a previous edition in the Newsletter. Harry and his wife Linda have retired to South Carolina. We wish Harry all the best.

Dr. Harry Meeker
What is New at NYU???

**Advanced Education General Dentistry Program**

New York University College of Dentistry, in collaboration with NYU-Lutheran AEGD, has started a new CODA accredited AEGD program effective July 1st. The program is housed at the college of dentistry. Upon successful completion of this one year program, graduates will qualify for dental licensure utilizing the PGY 1 path in those states that have this option. The program is patient centered with at least 75% of their time spent performing patient care. The AEGD program now provides an additional much needed resources for those patients that may not be suitable for the predoctoral program. The residents are distributed and assigned to specific group practices and have permanent chair assignments.

The program includes a strong emphasis on the treatment and management of the medically compromised patient, a strong emphasis on didactic knowledge and treatment of implant restorations, treatment planning, three-D imaging and evaluation. Residents will also receive extensive online and small seminar education programs. Research opportunities will be available to those that are interested.

Residents will meet regularly with the program director to ensure that the each resident’s program goals are being met. Exceptionally complex cases may be extended to the next class of residents. Residents work alongside trained dental assistants and staff hired for this program and have the opportunity to use the latest technologies. They will practice under general or direct supervision, as needed, with dedicated generalist and specialty faculty assigned to the program. Their experiences will include advanced oral surgery, aesthetics, medically complex patients, geriatric patients requiring specialized care and advanced endodontic and prosthodontic opportunities.

The new program includes eleven residents a program director Dr. Chrystall Orthodoxou, an assistant director Dr. Peter Mychajiw, one dedicated prosthodontic faculty Dr. David Arghavani, and several other selected faculty. As a first group they represent a diverse background from different dental colleges throughout the United States.

**AEGD Residents**

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<td>Dr. Lon-giang Chau</td>
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<td>Dr. Jon Hinz</td>
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<td>Dr. Haraashish Cheema</td>
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<td>Dr. AlvinTrinh</td>
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<td>Dr. Kai Su</td>
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<td>Dr. Christopher Robetson</td>
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**NOTHING BUT THE HOLE TOOTH**
**Advanced Education General Dentistry Program**

**Dr. Chrystalla Orthodoxou is the Program Director.** She received her DDS from NYU Dentistry. For the last two years she was the AEGD Director at Temple University. She has very strong teaching credentials and in addition she implemented the HER record system for the AEGD program at Temple.

**Dr. Peter Mychajiw is the Associate Program Director.** Peter graduated with honors from NYU in 1987. He has over 25 years of private practice and was the former GPR director of Long Island Jewish Medical Center. Prior to be asked to take on the role of Associate program director he was the assistant group practice director in the DDS program at NYU.

**Dr. David Arghavani:** David received his DDS degree from NYU Dentistry in 1996 and Certificate of Specialty in Prosthodontics University of Dentistry of New Jersey (Rutgers) in 2006.
NYU Dentistry is pleased to announce the final death of G.V. Black and the Birth of a New Division. GV Black was truly a pioneer in dentistry. His Caries Classification that we have used for well over 100 years has been the hallmark to identify tooth surfaces of crowns that required surgical intervention. His system was not based on the specific areas of infection or disease but on the surgical treatment. His cavity designs were based on the available dental materials of his time. GV black was a visionary. Back in the late 1800’s he stated, “The day is surely coming when we will be engaged in practicing prevention rather than reparative dentistry.” With the development of bonded restorations and the CAMBRA initiative we have been able to improve the ability to prevent caries and have been able to perform surgical procedures using a defective specific approach. Increasingly we are now able to use bonded esthetic materials for procedures formally only restorable with Amalgam or Gold. In addition we have developed innovative anterior esthetic techniques, such as, porcelain veneers which allow us to preserve health tooth structure and provide a more permanent esthetic result. This gave rise at our last Department of Cariology and Operative Dentistry meeting (The former Operative Department) to decide that GV Black and the concept of being Operative (surgical) Dentists was not a true reflection of who we are or who we should be. We have officially changed our name to the Division of Caries Diagnosis, Management, Prevention, and Esthetics. Our Newsletter that was started several years ago truly reflects our goal and mission of prevention rather than surgery.
This is certainly NOT CARIES PREVENTION
**What is New at NYU???**

**NYU Division of Caries Diagnosis Management Prevention and Esthetics** hosted the annual regional meeting of CAMBRA and CODE. CAMBRA is Caries Management by Risk Assessment and CODE is Consortium of Operative Dentistry Educators. The meeting on September 28 and 29 held in the Dean’s Conference room was hosted by Dr. Wolff and chaired by Dr. Kaim. These meetings bring together the educators from the Restorative, and/or Operative Departments of a significant number of the dental schools in the Northeast. Present at the meeting were representatives from 14 Dental Schools. Boston, Harvard, Tufts, NYU, Tuoro, Columbia, Rutgers, Maryland Temple, University of Pennsylvania, Howard, Dalhouse in Nova Scotia and the University of Toronto. All sent one or more representatives. In addition, a representative from the CDCA testing agency and three vendors, Ultradent, Columbia Dentoform, and MOOG Simodont, also were present. This was the largest attended meeting in a number of years. The purpose of these meetings is to discuss specific topics related to patient treatment and the approach and methodology used by the different schools.

The meeting included presentations by Dr. Margrit Maggio from University of Pennsylvania; "Updates and Experiences in Caries Removal using the MOOG Simodont.” Dr. Mark Wolff, "Treating Caries in a Non-Conventional Approach in the Geriatric Population." Dr. Jo Frencken, a visiting scholar who was with our department for 6 months, “Contemporary Cariology from an International Perspective.”

In addition to the presentation the rest of the meeting was a discussion among the group on agenda topics that included: Diagnosis of Occlusal Caries, Comparison of the CAMBRA approach used by the different schools, and digital radiography versus conventional radiography in the decision making process on the need to implement surgical treatment of caries.

A fair amount of the two day meeting was the discussion on the removal of decay and the indirect pulp cap. Dr. Jo Frencken, as part of his presentation, focused on the current evidence that the complete removal of deep decay that could or would encroach upon the pulp when a tooth is asymptomatic and vital is unnecessary and should be avoided. This went literally hand in hand with the new accepted CDCA (NERB) protocol that permits, where indicated, the request for an indirect pulp cap, a procedure that was not permitted in prior years.
Dr. Wolff presentation during the CAMBRA meeting focused on the need for CAMBRA to take on the next major challenge and that is the geriatric or older segment of our population. CAMBRA has clearly and succinctly addressed the prevention and treatment of the child, adolescent and younger adult population but has not adequately, in his opinion which was unanimously shared by the group at the meeting, addressed the senior population. Dr. Wolff demonstrated the alarming increase in the number of senior citizens that will take place over the next 30 years many of whom are reading this article right now. He showed the evidence concerning the dramatic increase of senior citizens who still retain most if not all of their teeth. There is no doubt that there will be a dramatic increase in the caries risk these individuals face. Often these seniors are dealing with the side effects of pharmacological products and different diseases that may result in xerostomia. Often an aging population is not able to physically maintain their oral health and may lack dental insurance or the finances to seek professional help on a regular basis. Finally, how do we address and teach a different surgical approach and non-surgical approaches to our current generation of dental students whose training has been to replace or redo rather than repair? We are faced with the problem dealing with standard of care protocols and the possible legal ramifications of incomplete caries removal. We need to look at off-label products for seniors that have demonstrated efficacy in treating pediatric patients, such as Silver Diamine Fluoride.

Dr. Wolff will be focusing on “Treating Caries in a Non-Conventional Approach in the Geriatric Population” both on a local and national level. I am sure that we, at NYU Dentistry, will once again become leaders in developing protocols for the prevention and treatment of caries in the geriatric population.
Out with the Old in with the New

As part of the update to our clinics NYU discarded about 50 old ADEC units from 7W. Lined up like soldiers on the loading dock ready for pick up and redeployment. You will be pleased to know that the dental technical staff removed all the parts that could be used to repair existing units.
What is it??

Jim Kaim

While thumbing through the literature and attending the CAMBRA and CODE meetings, I came across a presentation or demonstration or?? I was surprised at what I found. What do you think this is?? Send me your best guess.

JMK2@ NYU. EDU
Grenada is a Caribbean country comprising a main island, also called Grenada, and smaller surrounding islands. Dubbed the “Spice Isle,” the hilly main island is home to numerous nutmeg plantations. It’s also the site of the capital, St. George’s, whose colorful homes, Georgian buildings and early-18th-century Fort George overlook narrow Carenage Harbor. To the south is Grand Anse Beach, with resorts and bars.

**Early Childhood Prevention: (The Smile Grenada Program)**

In January 2009, Dr. Wolff led a team of 11 members from the New York University College of Dentistry to Grenada. This was part of our many outreaches throughout the world. After screening over one thousand children from the ages of 6-8 and 14-15, their first finding concluded that 83% had an average of 9 cavities. Working with the Ministry of Health, Dr. Wolff spearheaded an initiative to provide assistance to the country to reduce the caries rate of the island. With the support of Colgate Palmolive, the goal was set to educate the population and reduce the caries by 75%
As Featured in **Scientific American** October 2016

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**Early Childhood Prevention: The Smile Grenada Program**

MARK WOLFE, professor and chair of NYU’s Department of Cariology and Comprehensive Care, goes through patient files on the inaugural 2011 outreach to Grenada (left). Rebekah Browder applies sealant to a child’s first permanent molars (right). Michael Le provides oral health instruction to schoolchildren (bottom right). All children received toothbrushes and toothpaste that were kept at school (below).
Faculty Accomplishments!!!

Ivy Peltz presented a poster “A Quantitative Study of Experiential Learning” at the annual July meeting of the Association for Dental Education in Riga, Latvia.

Article published AEGD impact October 2016, “Finding your center with Yoga and Ergonomics.”

Presented a lecture at the annual Boston meeting in July at the AGD, “Multidisciplinary management of a fractured root.”

Created a podcast entitled, “Why Academia is a good Option,” featured at the ADEA Career Conference.

Eric Studley and Ivy Peltz published a blog in the Blog of the American Student Dental Association (ASDA), Mouthing Off, entitled, "Personal accounts on why you need insurance."

Eric and Ivy have articles accepted for publication in AGD Impact in November; “Express Gratitude, Improve your Well-Being” and the December issue; “The benefits of unplugging to Recharge.”

A blog has been accepted for publication in the ADA blog New Dentist; “Five things we wish we had known after dental school.”

Eric created a podcast entitled, “Marketing Yourself and Your Business,” at the ADEA meeting.

Ron Maitland authored two articles; “Oral Jewelry and Piercing; danger to your health, NY State Dental Journal” and “An Unusually Large Stafne Cyst; A Case Report, Journal Massachusetts Dental Society.”

Steve Resnick presented at ADEA at the Techno fair, “When Cad Cam meets CAD CAM”.

NOTHING BUT THE HOLE TOOTH
**Faculty Accomplishments!!!**

**Andrew Schenkel** coauthored with Ivy Peltz and A. Veitz-Keenan “Dental cavity liners for Class I and Class II resin-based composite restorations” *Cochrane Database of Systematic Reviews*, 2016.


**PROMOTION:** From Associate Director of Community-based Education and Patient Care to Assistant Chair for Community –Based Education in the Department of Cariology and Comprehensive Care

**David Glotzer:** chaired and led a meeting in May hosted by NYU Dentistry along with Arlene Curry, Miriam Robbins, and Victoria Raveis “Basic Disaster Life Support.”

**Maria P. Rodrigues Cardenas** represented NYU Dentistry at the Dominican Dental Association Congress in Santo Domingo in October 2015. She was part of a panel of other dental schools where she presented: “How to Obtain a Dental License in the United States.”

**PROMOTION:** From Clinical Instructor to Clinical Assistant Professor

**Angela M De Bartolo** was inducted into the NYU Academy of Distinguished Educators.
Nuray Ozu: recognized by the Academy of Distinguished Educators receiving an Excellence award.

Completed projects resulting in two New York University Academy of Distinguished Educators presentations, “Student learning” and “What is Dental Medicine’s Role in Undiagnosed Pre-Diabetes.”

She presented at the International Association for Dental Research, “Oral Health Quality of Life Among Pregnant Woman in Access to Dental Services” and “Dental Health Knowledge and Dental Care Utilization in Pregnant Women.”

PROMOTION: Clinical Instructor to Clinical Assistant Professor
Faculty Recognition !!!

The following Cariology and Comprehensive Care faculty/ administrators/staff were recognized for their quality and length of service receiving the following awards:

10 years
Lynwood Bennerson
James Dunne
Morey Gendler
Nicholas Giannuzzi
Peter Hertz
Richard Weledniger
Chia Hung Yuan

15 years
Alan Brown
Richard Kosofsky
Seung-Hee Rhee
John Sung
Daryl Wu

20 Years
Ira Beresnoy
Fred Dubrowsky
Paul Friedman
Robert Friedman
Lauren Siegel
Steven Silberg

25 Years
James Hundson
Dr. Maureen McAndrews: received the Golden Apple Award for Inspiring Careers in Dental Education.

Co-authored articles “Effectiveness of an Online tutorial on Intimate Partner Violence for Dental Students” & “Do Dental Students Use Optimal Study Strategies?”; Journal of Dental Education.

Presented “Symposium on Modern Dentistry” at the Asian Forum on Dentistry in Nanning, China and “U.S. Dental Education and Faculty Development” at the Guanghua School of Stomatology in Guanghua China and “Trends in Dental Education and professional Development” at the Target Meeting’s Second World Dental Online Conference.

Presented at the ADEA Academic Dental Careers Fellowship Program; “Best Practices for Mentoring Dental Students.”

Co-Authored; “The Role of Organizational Context in the Creation of Sustainability of Dental Faculty Development Initiatives,” “Social media in the Dental School Environment; Benefits, Challenges and Recommendations for Use,” “Social media in the Dental School Environment; Curricular Considerations,” Peer Education; Reviews of the literature,” and “Dental Student Study Strategies: Are self-testing and Scheduling Related to Academic Performance?”

PROMOTION: From Clinical Associate Professor to Clinical Professor
Faculty Accomplishments!!!

William J. Maloney co-authored two articles in the New York State Dental Journal, “The Oral and Dental Significance of Heroin and its Resurgence and State,” and “Zane Grey Dentist- & Writer”. He is also the sole author of a book which just been released for publication, “Safari; Looking Into The Eye of the Leopard.”

Howard Lieb: was recently elected to the ADA Foundation, Board of Directors for 4 year term and was just installed as the Vice Chair of the ADA Council of Annual Sessions.

Natasha Natalia: established the NYU Dentistry Suffolk County Study Club which held its first meeting in July. First lecture in September “Low Level Laser Therapy in Dentistry.” She received and Award of Appreciation from StonyBrook School of Dental Medicine.
Special Mention

**Barnett Bucklan.** It is always special when one can recognize a unique faculty member who truly represents a great role model for faculty and students. What is really special for me personally is that I hired Buck as a part time faculty member in 1988 and in 2000 the year of almost Y2K hired him full time. In 2004, I assigned him to be Director of Dental Anatomy and Operative Dentistry. Barnett’s style of teaching is to take no prisoners. What is truly unique about Dr. Bucklan is that he meets, greets and molds the entire class of 380 Freshman dental students. Although tough on the outside he can be extremely compassionate and understanding.

I am proud to have hired Buck and the best evidence of his success as a teacher is the 100% pass rate in recent years on the National Board Dental Anatomy section. The best evidence that he is a great person is the recognition, not only in the most recent addition of NEXUS, but the fact that Buck was selected by the class of 2016 to be one of 5 faculty to be on the stage at graduation to hood the candidates. I believe that student recognition is the highest honor that could have been afforded to Dr. Bucklan and certainly well deserved.

Buck also serves on the Dental National Board committee representing NYU. The National Board is creating the NEW national boards scheduled to be released in a few years to eliminate Part 1 and Part 2 and combining the content of both of these examinations to just one examination that every student will take prior to graduation.
John Calamia, not to repeat myself, but it is always special when one can recognize a unique faculty member who truly represents a great role model for faculty and students. What is really special, for me personally, is that I hired John as a full time faculty member in 1979. John graduated from a school in the Philippines and then completed a program at NYU that provided him the necessary requisites to be licensed in New York. John immediately became a rising star and immediately became the director of pre-clinical Operative Dentistry until he took on the assignment of becoming the go to person in the OLD Operative Department in areas of Aesthetic dentistry. His most notable achievement is his co-development of the Etched Porcelain Veneer Laminate procedure which was started in 1982. He was the director and founder of the NYU Esthetics Honors program in 2000. He has been a very active member of the American Academy of Cosmetic Dentistry and was instrumental in having nearly every dental school represented at the Academy Council. He just received the most prestigious award from the Academy, the Lifetime Achievement Award which only has been previously awarded nine times in the last 20 years. John is in good company with such notables as Peter Dawson and Gordon Christensen. John certainly deserves these accolades. Congratulations!!!!
Our educational program benefits from the many full time and some part time faculty and students that participate at the annual ADEA (American Dental Education Association) meeting. The annual meeting brings together faculty and some select students from all American, Canadian and even overseas dental schools. The meeting always coincides with our Spring Break allowing faculty and students free time to attend and participate. We have a number of faculty appointed on ADEA committees as well as again having the largest representation of attendees. NYU leads the way in posters, presentations, technology presentations and essays. As the true national leader in dental education many of our ideas, innovations and applications are copied by other institutions. NYU has always eagerly and openly shared an new programs we have developed. As a faculty member you should e proud of the accomplishments of your colleagues. I hope you will take a look at what we accomplished and presented this year. It is truly amazing.
Presentation

Mentoring Magic
Presenter(s): Yun Saksena, B.D.Sc., D.M.D., M.M.Sc. | Tufts University School of Dental Medicine; Maureen McAndrew, D.D.S., M.S.Ed. | New York University College of Dentistry

Distance and Online Education: What It Is and Is NOT!

Targeting the Pipeline: Saturday Academy for High School Students

Blended Learning in Pediatric Dental Education

Comprehensive Patient Care: Incorporating and Teaching Four-handed Dentistry
Presenter(s): Kenneth L. Allen, D.D.S., M.B.A.; David L. Glotzer, D.D.S.; Barbara Smith, CDA | New York University College of Dentistry; Patricia Capps, CDA, RDH, M.S. | Indiana University School of Dentistry

Teaching and Learning With Emerging Technologies and Informatics: Short Talks
Presenter(s): Maureen McAndrew, D.D.S., M.S.Ed.; Elise S. Eisenberg, D.D.S., M.A. | New York University College of Dentistry; Jeff Gutkin, Ph.D. | Rutgers, The State University of New Jersey, School of Dental Medicine; Heiko Spallek, D.M.D., Ph.D., MSBA(CIS) | University of Pittsburgh School of Dental Medicine

Shaping the Future of Dental Providers: A Pipeline to Diversity
Presenter(s): Eugenia E. Mejia, Ph.D., M.A., M.Ed.; Lorel Burns, D.D.S. | New York University College of Dentistry; Rosa Chaviano-Moran, D.M.D. | Rutgers, The State University of New Jersey, School of Dental Medicine; Norma I. Poll-Hunter, Ph.D. | Association of American Medical Colleges; Deirdre D. Young, D.D.S. | University of Detroit Mercy School of Dentistry

The EHR: A Teaching Tool in the Simulation Lab
Not Another Millennial Talk: An In-depth Exploration of Today’s Professional Students
Presenter(s): Annette M. McMurry, J.D.; Jami N. Conway, M.A. | The Ohio State University College of Dentistry; Patricia Xara-Probert, Ph.D. | University of Florida College of Dentistry; Staci L. Ripkey, Ed.M., M.A. | New York University College of Dentistry

Thelma and Louise Become Dental Faculty

Teaching Evidence-based Dentistry: What Factors Make a Difference?

Shaping Powerful Support Programs That Create an Inclusive Environment

Creating an Education Program in Dental Forensics for D.D.S. Students

Evaluating Peer Assessment Using Student Data
Presenter(s): Kenneth L. Allen, D.D.S., M.B.A.; Danielle M. Mitnick, Ph.D. | New York University College of Dentistry

Going Global: Toward Global Health Best Practices in Dental Education

POSTERS

Quality of Life of Dental Students at New York University College of Dentistry
Amanda Andre; Gaëlle C. Pierre, Ph.D.; Maureen McAndrew, D.D.S., M.S.Ed. | New York University College of Dentistry

Tell, Show, Do: Evidence and Application in Medical and Dental Education
The Emergence and Significance of Feedback as a Teaching Method in Dental Education

A Method to Establish Difficulty in Case-Based Assessments

A Systematic Review to Determine the Efficacy of Narrative Medicine Techniques in Health Science Education
Darren Huang | New York University College of Dentistry; Rita Twan | Columbia University College of Dental Medicine

Assessment of the Status Quo of Clinical Grading Practices in Dental Education

Varying Feedback in a Test-Enhanced Competence-based Course in Predoctoral Orthodontics
Han Suk Kim; Nicolas Freda, D.M.D.; Mitchell J. Lipp, D.D.S. | New York University College of Dentistry

Bridging the Gap Between Preoperative Endodontic Diagnosis of Teeth with Deep Carious Lesions and Minimally Invasive Dentistry Protocols.

Comparison of Fast Track and Traditional First Year Dental Hygiene Students
Lisa Stefanou, RDH, M.P.H.; Eva M. Lupovici, RDH, M.S.; Judy Kreismann, RDH, M.A.; Rosemary D. Hays, RDH, M.S. | New York University College of Dentistry

Adapting Two Caries Treatment Modalities in an Outreach Setting

Digital Complete Denture Fabrication in Two Visits
Student-Centered Assessment in Learning Periodontal Scaling Techniques in Pre-Clinic
Dianne L. Sefo, RDH; Eva M. Lupovici, RDH, M.S.; Sara Yoon, RDH, M.S. | New York University Dentistry

Implementation of Peer-to-Peer Teaching in Dental Hygiene Ethics Class
Winnie Furnari, RDH, M.S., FAADH | New York University College of Dentistry

Investigation of Dental Student Educational Experience in a Clinical Setting: The Value of Discipline Based Learning Models Versus Comprehensive Care Based Learning Models

Using iLearn to Train and Standardize all Undergraduate Faculty ‘Working in the Department of Cariology and Comprehensive Care’

Integrated Case Presentation—Establishing Interprofessional Teams to Facilitate Team-based Learning

ADEA TECHEXPO

When CAD/CAM Meets CAT/CALL: Techy Teaching and Learning

Fabricating Indirect Tooth Colored Restorations: Teaching the Use of the CEREC CAD/CAM Machine

Faculty CADCAM Calibration Using Student’s Preparations and Biogenetic Individual Mode

Improving Students’ Learning Experience of CAD/CAM Technology Utilizing Mediasite
Elise Eisenberg, D.D.S.; Sarah C. Vignola; Monica Bebawy; Denise Estafan, D.D.S. | New York University College of Dentistry

Incorporating CAD/CAM Technology and Skills Into the Curriculum—Fabrication of Indirect Tooth Colored Restorations with Protocol Compliance

Utilizing Integrated Case Presentation as A Learning Platform to Facilitate Team Based Learning
Editors note: Teaching in the clinics involves being knowledgeable in many disciplines and the appropriate core techniques. Often we may look at preparations or final restorations and not necessarily focus on specific areas. Teaching points was created to review specific individual techniques or procedures. These teaching points highlight areas that we have found basically through results from the licensing examinations to be weak points in our clinical teaching program or areas that some of our faculty may not focus on. We hope that you agree that these issues warrant a little extra attention:

Rubber Dam application: It is evident that with rare exception students are in compliance regarding placing the rubber dam. Students starting with D1 become highly proficient in quickly and correctly placing the rubber dam. The placement requirement is either a minimum of three teeth for posterior restorations and/or the entire quadrant and ideally from premolar to premolar for anterior approximal restorations.

However one area of proper application that is most often overlooked is inverting the rubber dam.

Inverting the Dam: This procedure involves pushing the dam using a plastic instrument into the sulcus of the teeth. The clinical significance is that it reduces or even eliminates moisture or blood from seeping into the operating field. One of the testing agencies requires this and they specifically look for this. The difference of inverting versus not inverting is one point added or reduced from the preparation grade. I can assure you that one point in the final grade has made a difference for some students between passing and failing. Please ask your student, “Have you inverted the dam?” If they says yes, check it. If they say no explain what it is and have them do it. Please check that rubber dam has been inverted.
On July 13, 2016 a retreat was held at Kimmel Hall at Washington Square. The charge or goal of the meeting was at the request of the Dean to hold a retreat that would address the issue of making the dental college a more humane warm and friendly health facility. The Dean had expressed his concern that too often health care facilities of our size lose that human personalized touch that patients really desire. Much like a private dental or medical practice where it is the human contact and the feeling of being someone special that probably is the most important part of the interaction of a patient and doctor. The focus at the retreat was also centered not just on patients but on faculty students and staff and their interactions with each other. A list of 62 general topics or terms was created for discussion. Some of them included, “Treat patients with respect; providing the best material for teaching, safe and protected environment, physical appearance, team work, formal customer service training, patient satisfaction versus experience, ownership.” The retreat was led by Dr. Wolff and included representation from students, GPD’s Academic Coordinators, Clinic Managers and Patient Service Representatives. A spread sheet was created by each of these groups to identifying the current positives and perceived negatives.

The outcome of the meeting was to recognize and agree that all participants must address the Dean’s charge of a more Humanitarian environment focused on compassion and communication. Through their example the participants at the meeting will be the change agents that could affect the change within the college.
Welcome to the new full time faculty

Dr. Chandra C. Iyer DMD earned her DMD from the Connecticut School of Dental Medicine and completed her Prosthodontic training as the Ostrow School for Dentistry in Southern California. Formerly teaching at Tufts she has relocated to NYU.

Welcome to the new adjunct faculty instructors

Richard Anchundia
Emily Colicchio
Scott Gautney

Bernadette Sawa International Program
Suzanne Saie International Program
Adam Notarantonio Honors Ethetics Program
The Changing Landscape of Dental Licensure

Jim Kaim

You may remember that the last edition of the newsletter I wrote a lengthy article about The Changing Landscape of Dental Licensure a presentation that I repeated again this year in September to the current class of 2016. What is remarkable is not only the number of changes that have taken place since last year but even the changes that have taken place since my presentation a few weeks ago.

Although not part of licensure but certainly going to effect the demographics and the number of graduates making decision about their future Touro School of Dentistry started with their first class this past September. A new school will be opening in El Paso, Texas in 2018, and LeCom in Sarasota Florida will be graduating their first class in the Spring. Currently there is an underlying competition among the 5 different testing agencies vying for acceptance and recognition by the different states. Some states now accept the results from any of the testing agencies, some states only recognize one or maybe two, and some states still hold out and give their own examination.

As a follow up to the previous newsletter any D4 taking the CDCA licensing examination could apply for a Florida License and if that was the first license they applied for they would NOT have to practice in Florida to maintain the license. According to emails and information I received from last year’s class 52 seniors took advantage of this opportunity and now have a free pass to Florida in the future.

The Class that graduated in 2016 was the first class that had the luxury of having Dr. Ray and Dr. Hershkowitz pre-approve restorative lesions. One can only marvel at how labor intensive this was and will continue to be as they revaluate not only the radiographs but study models. Out of over 630 patient lesions presented at the examination only two were rejected. Truly amazing. What a stress relief for our students knowing that their lesions will be accepted.

This cycle the pre-approval will continue. This year as you probably know the GPD’s will now be the first line of acceptance or the filter before Dr. Ray or Dr. Hershkowitz are asked to approve the lesions.

WREB, the other leading testing agency and the other agency that offers an examination at NYU, had 50 D4’s take the examination in 2016 and nearly the exact number are scheduled to take it in 2017. Although they do not offer a comparable pre-approval protocol Dr. Godder and I approved all lesions last year and similar to Dr. Ray we had only two rejections although our pool was smaller. Both Dr. Godder and I will be attending a standardization session held by WREB where we will be calibrated. As mentioned last year criteria for patient acceptance is very different for the two examination and we urge you to provide allow those that have been calibrated by the different testing agencies to make the final determination.

CDCA (formely NERB) for the first time in 2017 will permit, when indicated, the option of an indirect pulp cap. The guidelines will appear in their candidate manual and will be very specific as to the protocol that a candidate must follow. This will allow candidates to use slightly deeper lesions knowing that CDCA will not require them to re-
move all the deep decay that could result in an exposure. It is therefore imperative as we teach and evaluate student excavation/preparations, that we carefully evaluate for decay that is peripheral to the deepest portion, which must be removed, and that students tell you about a deep lesion before you tell them. The determination of depth, proximity to the pulp, and the identification and detection of caries continues to be one of the most troublesome and difficult things for students to learn.

CDCA has announced that starting this year any student who fails the manikin prosthetic and or endodontic procedure can review their procedure via photographs that will be taken and provided by CDCA to identified faculty. Dr. Ray and identified designated faculty can then meet with the student to show them where and why the failed. This is a major development and proactive process that will allow the testing agencies to provide faculty the opportunity to remediate some of our students and perhaps overall allow us to redirect our teaching efforts in specific areas where students demonstrate weakness. The use of manikins for testing make this process easy. Hats of to CDCA for this innovative step.

CDCA-ADEX has announced that within a year or two Florida will allow outside examiners to evaluate candidate performance on CDCA administered ADEX examination in Florida. Florida statues has mandated that only Florida licensed dentists can be board examiners. This change will allow for a universal acceptance both inside and outside of Florida which will probably change the need for new graduates to apply for the Florida license first.

CDCA has just announced that probably for the class of 2018 or at latest 2019 California will accept the CDC as a path for licensure. Currently there are three choices; WREB, General Practice Residency, or Portofolia case (currently only for California senior students)

WREB will be conducting a meeting in early December to announce any changes to their examination. Along with Dr. Godder are looking forward to attending that meeting to see what changes are planned for next year and beyond.

Editor’s Note: The Landscape of Dental Licensure, as you can see, is rapidly changing. I think more and more people recognize that even though licensure is the responsibility of individual states, restricting a health professional with a clean record from establishing a practice in another state is really unreasonable. Moving to another state to practice should be as easy as getting a new driver’s license.
Behind the Scenes

Editors comment: My ability to be the editor of the Newsletter reinforces my knowledge and convictions that our department and the NYU Dentistry is truly one of a kind. Our size allows us to do so many more things and offer so many diverse programs that no other Dental College can possibly do. The following article about Dr. Victoria Ravais and what she and her faculty do truly demonstrate what makes NYU Dentistry so special. No other school has this ability and this is just one example of what NYU Dentistry and our department has been able to accomplish.

The Psychosocial Research Unit on Health, Aging and the Community is a multidisciplinary research group located within the Department of Cariology and Comprehensive Care at New York University’s College of Dentistry. Established in 2010, it is the first program of its kind in a dental school. Directed by Dr. Victoria H. Raveis, a medical sociologist and social gerontologist, the unit is multidisciplinary. Core unit members include social scientists, Daniel Karus, MS and Monique Carrero-Tagle, MS. Other members include Jane Bear-Lehman, PhD, OTR/L, FAOTA (occupational therapy), Karyn Faber, EdD (health education), Duy Nguyen, PhD (social work), Sheindy Pretter, PhD (social and personality psychology) and Marie Elena Ramos, MA (community health).

PRUHAC focuses on the psychosocial aspects of chronic and acute disease and the public health components of healthy aging, with special attention to family-focused disease management programs, preventive health care and palliative services for vulnerable and medically underserved communities. The unit conducts public health policy and practice relevant investigations that inform the development of preventive and supportive services and programs for diverse community-based populations. PRUHAC’s program of research on health promotion and unintentional injury prevention has focused on community-based programs that enhance care delivery to medically underserved and vulnerable populations.

Oral health students participating in the college’s research honors and summer research training programs have received practice-relevant research experience working on PRUHAC’s oral public health projects, such as assessing access, care and unmet oral health needs of individuals living with HIV or advanced AIDS; the utility of dental clinics as portals to health promotion and preventive care for vulnerable elders in the community; and most recently, exploring the feasibility of implementing a fall prevention program in the dental setting.
Publications:  Note: all names in bold are researchers in our department


Carmel Sara; Raveis Victoria H; O'Rourke Norm; Tovel, Hava (2016) “Health, Coping and Subjective Well-Being: Results of a Longitudinal Study of Elderly Israelis.” *Aging & Mental Health*, DOI: [http://dx.doi.org/10.1080/13607863.2016.1141285](http://dx.doi.org/10.1080/13607863.2016.1141285)

Conference presentations Invited Addresses


Original, Peer-reviewed, Conference Presentations


Alexander, Carla; Raveis, Victoria; Karus, Daniel G.; Carrero, Monique; et al., “Early integration of the palliative approach in outpatient HIV management: Refining a curriculum for non-palliative specialists.” Poster presented at the 21st International Congress on Palliative Care, October 18-21, 2016, Montreal, Canada.


Nwankwo, Ezinne M; Portacolone, Elena; Zhi, Qi; Raveis, Victoria; Gershon, Robyn R “Psychosocial Factors Associated with Disaster Preparedness in a Sample of Vulnerable Elderly Community Members in San Francisco”, Presented at Place & Health: 13th International Conference on Urban Health, San Francisco, California, April 1-4, 2016.


NYU College of Dentistry Professors Awarded Three-Year, $1.8M Grant to Evaluate Models for Reviewing Maltreatment Cases Among Army Personnel

The National Institute of Food and Agriculture (NIFA), a branch of the United States Department of Agriculture (USDA), has awarded Dr. Richard Heyman and Dr. Amy Slep, both professors of cariology and comprehensive care, a three-year, $1.8 million grant to evaluate models for reviewing maltreatment cases among army personnel.

Dr. Heyman and Dr. Slep’s study will test and evaluate three models for reviewing and determining maltreatment (domestic and child abuse) cases among army personnel and their families through a multifaceted analysis drawing from multiple sources of data, feedback, and information.

Drs. Slep and Heyman Awarded $780K from NIH to Study Conflicts in Relation to Adverse Health Outcomes, Including Dental Caries, Obesity and Diabetes

The National Institutes of Health (NIH) has awarded Drs. Amy Slep and Richard Heyman a $780,000 grant to build upon their existing research on the roles corrosive couple conflict (CCC) and parent-child coercion can play in disease outcomes.
**Faculty Accomplishments!!!**

**Dr. Ellen Lee:** is the faculty advisor for the Chinese Student Dental Association that periodically performs outreach to senior centers in Chinatown. This involves students from D1-D4. Oral health and Oral hygiene instructions are presented in both Mandarin and Cantonese. She has also been published this year:

Lee E, Lin K, Lee RC, Hershkowitz D, Goren AD, Vargas A, Vargas KY. Quantification By Dental Students of the Theory and Practice that is Presented in General Dentistry Simulation I Pilot Study. 11-17, 2016

In July of this year Ellen presented a lunch and learn at the college; “Diversity of Professional School Applicants “
**ALWAYS Looking for a few good no exceptional faculty!!!!**

Do you know anyone who could benefit from teaching with us?

Whether full time or part-time each of us is here at NYU for different reasons. Think about what we do and the imprint we make on the next generation of students. Think also of the benefits we gain with our teaching affiliation at NYU. I know personally that many of my patients have made very positive comments to me about my being on the faculty at NYUCD. I share with my patients my NYU affiliation. I wear my NYU clinic gown in the office. It always starts a conversation. I believe we often don’t realize what that benefit may be to us and of course to the patient.

Dentistry has changed dramatically in the last 30 years. If the average age of our faculty is 55 that means you graduated around 1985. Think about what we were teaching then? Gold foils, if you remember that you are a senior faculty. How about flaking a denture, porcelain jackets, casting a crown, electrosurg, cavity varnish under amalgams, amalgams, etc, etc? How about working without gloves and masks!! However, think where we are today and what we have added to the arsenal of our dental practice. Blood pressures, oral cancer check, BP checks, digital radiography, computers, smartphones, implants, etc.

So now the question is who is going to continue to teach the next generation of dentists? The ADA and ADEA (American Dental Education Association) has reported the graying of the faculty. With the significant increase in dentals schools and the subsequent number of additional dental students how are they going to be educated especially with the expanded pool of information and techniques they will be required to learn? The call should go out to all faculty of the college to do your job in recruiting new faculty. Share your teaching excitement with fellow colleagues. Recruit them to come to teach. Think about when you started. I once told the new faculty that I was interviewing, coming to teach at NYU is a two way street. The first year you will learn and relearn more that you will teach. The second year we break even and by the third year you will become a “teaching faculty”. How often have you asked a colleague at school, “What do you think about this?” or “What would you do if you had a case like…”?

Your assignment is to find and select one colleague or associate who you believe could be excited about a teaching opportunity at NYU. Provide that persons with Dr. Hershkowitz’s e-mail address. Imagine if we there were two or three additional faculty working with you. It would benefit all concerned!!!

*NOTHING BUT THE HOLE TOOTH*
Look Mom-no cavities
Norman Rockwell poster
Late 1950’s
Still fighting the battle
65 years later

Editors Comment:
Again I want to thank Ms. Patricia Montalbano and Ms. Elaine Bajana for their continued help in putting this newsletter together. I There are many exciting changes taking place both in our academic program and in the physical plant. As always I welcome your comments both positive and negative and any newsworthy events you would like to see in the next issue.