Chair’s Welcome

Welcome to the inaugural edition of “Nothing But the HOLE Tooth”, the Department of Cariology and Comprehensive Care newsletter. You are members of the largest Department of Cariology and Comprehensive Care in the nation! Easy to say, we are the only Department of Cariology and Comprehensive Care!!! As a large Department, so many things are happening every day in the Department that it is impossible for you to know all about them. We are providing this newsletter (several editions each year hopefully) to help keep you informed about what’s happening in the Department and the College! I have asked Dr. Jim Kaim to serve as editor for this newsletter to share information about the Department and the College’s curriculum. As always, things are changing and we are growing…I hope the following pages help to keep you informed!

Upcoming Events

- **Monday, February 4, 2013**
  Esthetic Grand Rounds,
  4pm to 5pm, Room Nagle

- **Tuesday, February 5, 2013**
  Roger Ellwood BDS, MDS, MSc, PhD, FFPH
  Director Colgate Palmolive Dental Health Unit
  1pm to 2pm, Room 11CF

- **Monday, February 11, 2013**
  General Grand Rounds
  4pm to 5pm, Room 614

- **Tuesday, February 12, 2013**
  Ethics of Face Transplantation
  By Dr. Arthur Caplan
  1pm to 2pm, Room 3W

- **Wednesday, March 6, 2013**
  Departmental Faculty Meeting
  4pm to 5pm, Room 11CF

- **Friday, March 8, 2013**
  Esthetic Grand Rounds
  1pm to 2pm, Room 614

- **Tuesday, April 2nd**
  Holly Lofton, MD
  Director, Medical Weight Management Program
  NYU Langone
  1pm - 2pm, Room 11CF

- **Friday, April 5, 2013**
  Annual Dinner Dance
  Water’s Edge Restaurant
  401 44th Drive, Queens, NY 11101
  7pm to 11pm

- **Monday, April 15, 2013**
  Esthetic Grand Rounds
  4pm to 5pm, Room 614
About the Department:

Did you know that the Department of Cariology and Comprehensive Care is made up of 417 faculty and staff? Here is just a numerical description of who we are... just to give you some idea of our scope: The Department includes 75 Full time faculty, 271 Part-Time faculty, 13 administrators, 2 Administrative Aides and 2 Student Workers.

In addition, our research enterprises have assembled their own team of scientists! Our Family Translational Research Group alone has 2 Full time faculty who are principle investigators, 4 Full Time Project directors, 2 Full Time Assistant Research Scientists, 1 Full Time Post Doc Research Fellow, 6 F/T Junior Research Scientists, 3 Research Associates, 1 P/T Jr. Research Scientist and 26 Externs Graduate Students (volunteers).

The research groups from Drs. Page Caulfield, Vicky Raveis & Hillary Broder consist of 3 Full Time Associate Research Scientists, 1 Full Time Senior Research Scientist, 2 Full Time Junior Research Scientists, 2 Part-time Assistant Research Scientist and 1 Part-time Junior Research Scientist.

What an amazing group of Dentists, Psychologists, Sociologists, Social Workers, Dental Hygienists, Registered Dieticians and Research Scientists we have assembled in the Department of Cariology and Comprehensive Care. We not only teach students in the dental care center and the pre-clinical laboratory environment, but we also teach a very popular esthetics honors program. The Department of Cariology and Comprehensive Care goes well beyond the traditional instruction in restorative dentistry. We are the only department in the country that includes a Survivors of Torture Dental Care Program and a variety of other Community based dental care programs. This newsletter is meant for us to learn about what we do and who we are and other areas of common interest.
tenured faculty in the department. I have seen such dramatic changes since becoming a full time faculty member back in 1977. Historically in 1978 we changed from a three year program back to a 4 year program. Much like what will happen this September, in September 1978, we had a freshman class of 420 students. Half that group was assigned to a 4 year program and half to a three year program. So a new Freshman Class of 360 should not be very difficult! I have seen the change of the Advanced Standing Program from a one year certificate to a 2 year diploma, to a 3 year diploma program. Now this advanced standing program will accept the last class in June of 2013. I was here when we opened the Schwartz building in 1978 and now watched as the basic science building, where I attended all my basic science classes, has been demolished. I have seen our curriculum grow literally exponentially within our department alone. As the former Chairman of Operative, our curriculum was extremely limited. Bonding alone has probably doubled what we now need to teach. I am amazed at what our administration has been able to do to provide an academic program for such a vast number of students that now is recognized as being in the upper levels of education. I have watched our Department become the leaders in curriculum development and innovation. We were the first to broadly disseminate a successful smoking cessation program, honors programs in esthetics, oral cancer checks, oral examinations for junior and senior students, a department devoted to Cariology, caries risk assessment, minimal intervention dentistry ...just to name a few. I continue to marvel as we constantly overcome hurdles and obstacles and at the same time, we are able to improve the quality education and teaching environment. I have had the opportunity in the last few years to visit a number of dental schools including Maryland, Columbia, Temple, Pomona, AT Still, Nova, University of Florida just to name a few. A common theme in my visits is “How does NYU do it?” The answer is our administrators, but more important the faculty and staff. Historically we have even survived outside adversities including the events of September 11, 2001 and more recently Hurricane Sandy. I am extremely proud and honored to be a member of the NYU faculty and I hope that all of you share that feeling. I also hope that this edition of will make you aware of how truly great we really are.
ARE WE TREATING CARIES OR JUST REPAIRING TEETH?

With an emphasis on treating the disease, when our students present their patient in the clinic they must review the patients’ caries risk and home care protocols. Our faculty will make sure these are appropriate and noted in the chart – at every visit. Without a clear, detailed and legible clinical note it is difficult to transition care to another student when the treating one graduates. Copies of the Caries Risk Assessment form which outlines the risk factors, disease indicators and treatment protocols is available on Blackboard.

Guidelines to Improve Patient Care

As one of our new initiatives to improve patient care, the Department is adopting 12 guidelines for patient care. These are not the only things we do, but highlight some of the more important issues. In case you did not see the email:

- Thou shall always speak in a respectful manner with patients, students, staff and faculty.
- Thou shall always introduce yourself to the patient.
- Thou shall always examine the patient before giving a start signature.
- Thou shall treat the disease of caries before prescribing any restoration or irreversible procedure.
- Thou shall know the core procedures and not permit students to deviate from them.
- Thou shall consider composite as the intracoronal restoration of choice.
- Thou shall always have two faculty approve a treatment plan involving the surgical treatment of an occlusal restoration.
- Thou shall only permit a D3 student to begin a surgical procedure after the daily care plan has been reviewed and collected.
- Thou shall finalize/sign the treatment plan only after the caries prevention protocol is detailed in the treatment plan and that it is consistent with the assigned risk category determined in the risk assessment form.
- Thou shall review the caries risk assessment and outcomes of prior treatment at each visit.
- Thou shall permit performing surgical procedures only when there is clear evidence of cavitation past the DEJ, e.g. radiograph demonstrates penetration to the dentin.
- Thou shall always place rubber dam.
Hopefully the D3 students are actively using the **new – and improved – Daily Care Plan**. We will be collecting the forms over the next few weeks to see what percent of our students report practicing in the Sim Lab. This should be interesting.

Thanks for your support of these initiatives. They will help us graduate a better health care professional.

Please let me know if you have any suggestions or comments.

Ken

Kenneth L. Allen, DDS, MBA
Associate Chair

---

DENTAL HUMOR

“**The tooth? You want the tooth? You can’t handle the tooth!**”
Did you know?

- Starting in August the Freshman Class Size will increase to about 350 students.

- During the month of June 2013 we will accept the last Advanced Standing Class.

- Pre-clinic lab sessions will now be reduced to 90 students by dividing the class into four sections rather than the current three.

- Students will be assigned to their group practices in the first days of school and will rotate as a group rather than random assignment.

- Flex time has been added as part of the freshman curriculum which provides for extra faculty instructional help sessions for those that need it.

- New seminar sessions were added to the freshman and sophomore simulation sessions. The teaching of Dental Anatomy now includes small seminar sessions.

- All simulation protocols mimic clinic procedures and protocols. No technique is taught in the pre-clinic that is not part of our clinical training. That includes the procedures, instruments, and material. Clinical faculty can expect that students have been taught the technique in the simulation lab with the same materials that are available in the clinic.

- All simulation sessions in the second year require students to write up a daily care plan prior to coming to the lab. The forms are collected and evaluated.

- Starting now the Sim Lab session will now conform to clinic hours in 2 hour blocks.

- The Ultradent Bonding agent has changed from Peak LC to Peak Universal. According to the manufacturer and the current evidence the new formulation has added chlorhexidine to the bonding agent. Chlorhexidine is thought to enhance the bond to dentin.

- We are expanding our outreach programs such that every senior student will be assigned a rotation outside of our clinic to a clinic outside the college that will have faculty coverage. To that end Dr. Andrew Schenkel has been appointed Associate Director of Community Based Dental Education to oversee the program and is expanding the program by developing and evaluating additional sites.

- Starting soon, a required on-line assessment tool will be available to faculty. This program is designed for you to evaluate your knowledge in the clinical and preclinical protocols and procedures that the students are performing. This on-line assessment tool will provide you with a qualification listing, will be at your convenience at home or in school, and provide you with CE credit as well.

- Did you know that we have an A Quality of Life Research team at NYUCD led by Hillary L. Broder, PhD and her team: sociologist, Lacey Sischo, PhD, and two master’s level psychologists, Dina Ricciardi and Yasmine Rodriguez.

- We have a Psychosocial Research Unit on Health, Aging and the Community which is a multidisciplinary research group.

- Did you know that Dr. Walter Bretz is an international recognized expert dealing with the study of diseases as relates to twins.
Accomplishments

AWARDS/COMMITTEES

- **Ron Maitland** - completed 10 year term on the Board of Overseers for Tufts University School of Dental Medicine.

- **Marie Congiusta** - teaching recognition award & first place for Clinical and Educational Scholarship Showcase.

- **John Calamia** - continues to be a member of the editorial board American Journal of Esthetic Dentistry.

- **Morey Gendler** - Deans Award & Student Council Faculty of the Month Award.

- **James Apltauer** - will be inducted as a fellow summer 2013 AGD & President of NY Academy of Oral Rehabilitation. Passed the AGD examination for fellowship.

- **Victoria Raveis** - award of excellence from American Public Health Association for paper presented.

- **Viviana Avila-Gnau** - became a Fellow in the Academy of General Dentistry.

- **Roy H. Sonkin** - elected President of the American Society of Forensic Odontology.

- **Ying Wong** - became a Master in the Academy of General Dentistry.

- **David Glotzer** - continues to be “ADA Consultant” (Preparedness) to Council of Dental Practice.

- **Seung-Hee Rhee** - is President elect for the New York State AGD

- **Eric Studley** - Award of Appreciation form the marketing and Business Management Club and from Alumni Association.

- **Richard Heyman** - served on review panel (National Institute of Dental and Craniofacial Research

- **Maureen McAndrew** - Chair-elect of the ADEA Section on Education Research/Development and Curriculum. Member ADEA Review Committee for Education Scholar. Member, ADEA Center on Educational Policy and Research Advisory Committee. Member, Editorial Review Board, Journal of dental Education.

- **William Levatino** - associate Fellow award in the American Academy of Implant Dentistry.

- **Gene Sherwin** – has passed the AGD examination for fellowship.

- **Scott Podell** - became a fellow of the International College of Dentists & Volunteer work in Montserrat, West Indies.

- **George Raymond** – is a reviewer for the article “Endodontic Therapy of a Maxillary Premolar with an S-Shaped Canal”.

New Faculty & Staff Introductions:

NEW HIRE

Yasmine Yvonne Rodriguez,
Research Administrator; joined CCC in January 2013.

RECRUITMENT

The Department is currently interviewing for 14 new full time clinical educators who will help us enhance and expand our dental education program and provide even better clinical and pre-clinical education.

Featured Faculty: Richard Kiman, D.D.S.

There is no question that this individual deserves to be the first featured faculty! He graduated a few years ago from NYU undergraduate and because of World War II, graduated from the University of Pittsburgh Dental School in an expedited fashion in 1943. He enlisted in the Army and served on active duty from November 1943 to September 1946. On D-Day June 6, 1944 he was among those that invaded the beaches of Normandy. During his military service he served as a dentist in France, Italy and finally in Wiesbaden, Germany.

He began his private dental practice just around the corner from NYUCD on 22nd Street 65 years ago and retired from active practice in 1995. In 1972, he joined the faculty, teaching two days a week, and at the age of only 93 Dick Kiman still comes to school working in the dental care center three days a week! He often walks to school from his midtown apartment.

In our conversation with him he shared some of his thoughts regarding teaching and NYU College of Dentistry. He has been impressed with the wide range of experience and exposure the students receive and the broad diversity of the student body, the faculty, the staff and patients. He continues to treasure the opportunity of sharing his 60 years of dental experience and admires how the students welcome his instruction and seem always eager to learn.

Many of you have had the pleasure of meeting and even working with him. If you haven't, come by module 3AB, Monday, Tuesday and/or Thursday morning or afternoon, say hello and perhaps thank-you to Richard (Dick) Kiman. We need to be grateful not only for his years of service to our college but more important for his service to our country. It is people like Dr. Kiman who make it possible for us to truly enjoy the life and freedom that we enjoy today.
PERSONALS:
In the future, we would like to post entries of personal interest from you to share with the Department, such as a birth, a marriage, a softball championship, an office for sale or rent, a need for an associate, looking to buy an office or rent space, etc. Please send our editor, Dr. Jim Kaim (JMK2@nyu.edu) any personals for the second edition! The next issue will be out in the late spring early summer. Keep that in mind.

“NOTHING BUT THE HOLE TOOTH”

NEW Faculty Calibration & Standardization Program: As we know the content of our curriculum is an ever evolving entity. New materials, new protocols, new techniques are constantly being introduced. Our department continues to evaluate all of these new modalities and makes decisions on adopting new ones based on the best scientific evidence. Keeping up with the current teaching is the obligation of the faculty. In addition it is only fair to the students that we, the faculty, teach techniques that are the same they are taught in the pre-clinic simulation lab. Asking the students to adopt specific procedures, materials, and/or protocols that are unique to a particular faculty member is not fair to the student or the patient. Students often mention that “my faculty does not teach it the way we were taught”. We need to make sure that this does not happen in the clinic. “Let me show you how it is really done” or “Let me show you the way I do it in my office” is not acceptable. To that end we have undertaken a new Faculty Calibration and Standardization Program: This program will require you to take some on-line assessments which you will be able to use to evaluate your knowledge with core protocols, and also learn, should you answer any of the questions incorrectly, the correct answers and why. As important the program will provide us with information specific to the continuing educational requirements of our faculty. The assessment program when completed will involve three separate sections. Section 1 consists of multiple choice type questions. Section 2 will also be multiple choice type question but will primarily have photographs to assess different procedures. Section 3 will be a hands-on in lab evaluation of procedures already completed on typodonts. We anticipate that Part 1 should be available in January. Each faculty will receive 1CE credit for each assessment they take. We believe that this assessment program may be the first of its kind in the country and will in many ways mimic the calibration and standardization required of licensing examiners.
Research News

Did you know that the Department of Cariology and Comprehensive Care has an extensive program of funded research with a total research funding of nearly $17 million (nearly $5 million annually)! We study a wide range of subjects ranging from family violence, quality of life of children treated for cleft lips and palates, social effects of aging and cancer, slip and fall prevention in the elderly, multiple aspects of the oral biomedicine and of course dental caries. In each newsletter, we will highlight a few. Below are just a few of the studies being conducted within the department:

**Heyman R.E.** Office on Violence Against Women Grants to Reduce Domestic Violence Against Women Prevention and Response Project (Stony Brook University; PI: Amy Hammock) 10/01/12-9/30/15 Subcontract Direct Costs


**Heyman R.E.** 45 USDA/USAF Evaluating the Next Generation of Family Maltreatment Prevention Training 09/01/13-8/31/14,

**Wolff, Mark** “A Phase 1 Dose Escalation Study to Evaluate the Safety, Pharmacokinetics and Microbiology of C16G2 Administered in a Single Oral Dose in Mouth Rinse to Healthy Adult Subjects” C3-Jian, 2012-2013.

**Hillary L. Broder, Lacey Sischo, Dina Ricciardi and Yasmine Rodriguez.** Currently have two NIH-supported grants entitled: Quality of Life in Children with Cleft, a six-center longitudinal observational study; and Caregiver Perceptions to Nasoalveolar Molding and Early Cleft Care, a four-center mixed model study using qualitative and quantitative data. Both studies build on our theoretical framework that measures quality of life and other related constructs. The QoL study includes school-aged children who undergo orofacial secondary surgery and a group of children who do not undergo surgery. The Caregiver study examines parental coping, stress, family cohesion and bonding in families having newborns with cleft that undergo traditional care or nasoalveolar molding and traditional care.
Presentations and Posters

As leading educators, members of our department travel the world to improve Dental Education.

Apitauer, De Bartolo, Estafan, Wolff: Engaging today’s students in state of the art of CAD/CAM dentistry through use of the LED “Bluecam” Tech Expo ADEA meeting

De Bartolo, Hershkowitz, Klaczany, Estafan, Wolff: Engagement and Marriage of Lab and Student, Tech Expo ADEA meeting

Lomangino-Cheung, Klaczany, Culotta, Estafan, Wolff: An innovative population treatment strategy for the management of the elderly. Poster presentation ADEA

Gendler, Podell, Hershkowitz, Wolff: Engaging our Students in Medical Emergency Preparedness; A Student Let Medical Emergency Protocol for the Dental School Setting ADEA meeting

Benjamin Godder, DMD; Kenneth Allen, DDS; James Kaim, DDS; Mark Wolff, DDS, PhD; David Hershkowitz, DDS Competency Examinations as Predictors of Performance on Regional Licensing Examinations ADEA: March 17-21, 2012 Orlando, FL.

M. Kozlovsky, M.S. Wolff "DEVELOPING AUDIOVISUAL CONTENT TO ENHANCE LEARNING OF CLINICAL SKILLS." ICERI 2012 (International Conference of Education, Research and Innovation) November 19, 2012 Madrid, Spain

Wolff, Mark Dental Biofilm: Cariogenic- Good Bad or just Something to Work Deal With? West China School of Stomatology Developing a Clinical Research Program West China School of Stomatogy Caries Risk Assessment for Dental Practice... What Does it Mean? West China School of Stomatogy Global Health: Problems of the Mouth Weill Cornell Medical Center Integrated Case Presentation: a model of inter-professional education focused around the patient. Tufts university School of Dental Medicine

David L. Glotzer, DDS and Benjamin Godder, DMD Disaster Preparedness Plans for the Dentist, Is your Dental office Ready for a Catastrophe ADEA (March 21-24, 2012 Orlando, FL.

Publications and Abstracts

Publications


Berkowitz, DDS, Gary S., Spielman, DDS, Howard, Matthews, PhD, Abigail G., Vena, BS, Donald, Craig, DMD, PhD, Ronald G., Curro, DMD, PhD, Frederick A., Thompson, DDS, PhD, Van P.," Postoperative Hypersensitivity and Relationship to Preparation Variables in Class I Resin-based Composite Restorations: PEARL Network Findings" Compendium for Continuing Education (Accepted for Publication)


Our faculty are leading the world in developing and disseminating the science, as well as teaching the science. Below is a listing of just some of the articles published (or soon to be) that our faculty have authored. It’s impressive!


Joel Silver, David Hershkowitz, William Maloney General Ulysses S Grant’s Final Foe: Squamous Cell Carcinoma ; Dentista Y Paciente Fall 2012

Gary Berkowitz, Arnold Widman, Joel Silver An Interdisciplinary Approach for the Management of Peg Lateral Incisors in Adolescents ; Mass Dental Society Journal Summer 2012

Silver, J; Hershkowitz, D; Rochlen, G; Maloney, WJ “Una revision del tabaco y el alcohol como factores De riesgo para el cancer oral: (A review of tobacco and alcohol use as risk factors for oral cancer)” Dentista Y Paciente 2012;13(6):28-32

Viviana Avila-Gnau (2012). Critical Summary. “Chipping of the veneering porcelain is an ongoing problem with all-ceramic restorations.” American Dental Association Center for Evidence-Based Dentistry website

Maloney, William James; Maloney, Maura P. President Calvin Coolidge's asthma and modern management of asthma patients in the dental setting”. New York State Dental Journal. 2012 Mar;78(2):38-41

Silver J; Hershkowitz D; Rochlen G; Maloney WJ. Una revision del tabaco y el alcohol como factores de riesgo para el cancer oral [A Review of tobacco and alcohol use as risk factors for oral cancer]. Dentista y Paciente. 2012;13(6):28-32


Anuja Patel, Vikaskumar Patel, Bejamin Godder, Bapaniah Penugonda, Influence of Dental composite shade on surface hardness, IADR/LAR General Session accepted for publication June 20 -23, 2012


R. Gluzman1, H. Meeker2, P. Agarwal1, S. Patel1, G. Gluck2, L. Espinoza1, K. Ornstein3, T. Soriano3, RV Katz1, Oral Health Status and Needs of Homebound Elderly in a Urban Home Based Primary Care Service

Podell, Scott A New Look at the Maxillary Midline Diastema, in Dentista and Paciente February or March 2013 edition.

Gendler, Morey, Wolff, Mark, “Sensitivity Assistance, Help your patients find relief from dentinal hypersensitivity with these current treatment options” Dimensions of Dental Hygiene Volume 10, Number 4/2012, 20-26 April 2012

Gendler, Morey, Wolff, Mark, “The Sensitive Type, An examination of the factors that contribute to dentinal hypersensitivity” Mentor Volume 3, Number 6/2012, 12-15 June 2012

Angela De Bartolo, Ralph P. Cunningham, Martine Mandracchia “Oral Communication in the Clinic: Engaging the Student, Faculty and Patient to Create a Positive Patient-Doctor Relationship.” Journal of Dental Education, Feb 2012,

Allyson Leffel, Ralph P. Cunningham, Ivy Peltz, Angela DeBartolo; “Is there a Social Worker in the House?” Journal of Dental Education Feb 2012

Alper Comut, Denise Foran, Ralph P. Cunningham “A Technique to Salvage an Endodontically Compromised Maxillary Anterior Tooth”, The New York State Dental Journal, accepted for publication, date unknown.

Abstracts:

Bruce Brandolin DDS, Glenn Rochlen DDS, June Weiss DMD, David Hershkowitz DDS, "Cultivating the Use of Laser Technology in Undergraduate Dental Students"


A. M. De Bartolo, DDS, M. Gendler, DDS, D. Hershkowitz, DDS, D. Estafan, DDS,MS Challenging Students with CAD/CAM Technology...Going beyond the Comfort Zone of Senior Students International Association of Technology, Education and Development (IATED) 2012

Michele M. Harutunian, DDS; Jim J. Apletauer, DDS: Gerry Klaczany DDS and Denise Estafan DDS, MS: "Teaming students together to evaluate each other's preparation using CAD/CAM technology". ADEA 2013

Victoria H. Raveis, has an active program of research on coping with chronic disease, palliative care, family-centered disease management, cross-cultural variations in the illness experience, health promotion and disease prevention, healthy aging and health services research.

Dr. Walter Bretz, has a multilevel study to understand the intricacies related to diagnosis and treatment of oral diseases that include: twin studies to dissect the contributions of genetics and environment on dental caries traits; the study of the oral-systemic connections where periodontal diseases are modifiable risk factors for rheumatoid arthritis and; the study of naturally occurring compounds in the prevention and treatment of oral diseases.
It is very exciting to have been asked to take on this project. As you can imagine the vastness of our department makes it possible and perhaps often likely that I may miss something that should have been included. I apologize already for what I may have missed in this issue and in issues to follow. Please don't hesitate to send me anything that should be included and I will make sure it is in the next addition.

A Very special thank you...

I would also like to acknowledge the help and assistance of Patricia Montalbano and Elaine K. Bajana as well as Harry Meeker for his guidance and input.