Global Health Nexus was produced in part through the generous support of the late Leonard Block, Mrs. Adele Block, and Richard and Peggy Danziger.

Marvin A. Fier
Miikala Fidelman
Colbert I. Heschman
Frybojg Foundation, Inc.
Joshua Friedman
Terry T. Fulmer
Jill D. Fulfillman
Anthony Gentile
Richard J. Giarrusso
Benjamin Godder
Barry M. Goldstein
T. M. Graber
Frank E. Croft George II
Bruce D. Haber
David O. Habib
Ira S. Halper
John Hansen
Randolph Helly
Daniel J. Huang
Stephen I. Hudis
Nancy Ngoc Huynh
Aleksander Ioffin
Bruce G. Jacobs
Leila Jahangiri
Fadi Karam
Makoto Kikuchi
Tae Sang Kim
Richard A. Kiman
Michael D. Komorgold
Barley R. Labiner
Lloyd S. Landa
David H. Langer
Joel E. Leiser
James T. Lopresti
Roberto Luongo
Martine R. Mandracchia
Glenis A. Marius
Maureen McAndrew
Jack R. Meyer
Reginald G. Moncrieff
Elliot Moskowitz
Leonard and Rhoda Nadel
Rosette Qushay D. Nguyen
Olivier Nicol
Michael P. O’Connor
Bojazi O. Ogunade
Anthony M. Palata
Joseph Pankow
Mount Sinai Trust
Ivy D. Peluz
Rapania R. Perugonda
Joseph N. Perlmuter
David M. Peruccio
Joann A. Petrucci
Scott Pedrell
Steven J. Resnick
John L. Ricci
George Romanos
Paul and Maxine Rosenberg
Barry Saltz
Andrew Bruce Schenkell
Lawrence B. Schwall
Michael L. Slinik
Dolores Spinelli
Gerard Taboian
David E. Tarrab
Randolph Todd
Michael D. Turner
Cheryl Wisehal
Jack and Judy Wiggin
Barry W. Wolinsky

$500 - $999
Muhammad Farooq Ahmad
Anonymous
Joseph J. Attard
Lynwood J. Benedict
Leon and Linda Betesh
Bertram Bhush
Richard Boneville
Ammar M. Berman
Timothy C. Bragg
Joseph R. Carpentieri
Raymond Crane
Richard T. Cullil
Jared Guido DiAere
Steven and Rosalie David
Patrick A. Deflerand
Dentatus USA Ltd.
Harry Elbaum
Kurt K. Epstein
Frank Galleri
Barbara Caballero
David L. Gloger
Evan D. Goldstein
Mark H. Grainer
Gary Greensfelder
Robert Groove
Dae Won Haem
Hein Schein Dental Store
Susan W. Herrigel
Rae Jansen Charitable
Tead Trust
Arthur H. Kent
Glen R. Kreitzeberg
Michael Kunze
Naomi B. Levine
Yehong Li
David S. Lipman
Megajen U.S.A., Inc.
Luz Elena Mejia
Patrick and
Mary Ann Minson
Kunihiko Miyashita
Les Malder
Paul Olivia Ill
Daniel J. Palermo
Rose Perig
Ereter R. Reff
Manuel E. Riber
Gerald Rider
Howard S. Rock
Larry R. Rosenthal
Alina R. Sauer
Leon Scherzer
Elham Sharir
Michael Steinle and
Patricia Tomisch
Arthur and Sandra Tauber
Kenneth and Rita Vogelosn
Bernard H. Weltman
Sidney A. Whitman
Zimmer

$250 - $499
Eduard P. Addison
Sergio Alkata
Robert G. Allen
Anonymous
Steggos C. Arvainides
Harvey Atlas and
Lawrence Zsanyi
Bruce R. Barul
Vinh Nguyen S. Bartha
Ramon E. Batista
Arse Basci
Michelle S. Bengen-Shapiro
Iulian Berman
David S. Binder
Tara A. Boggart
Samuel I. Botkin
Herbert B. Biesman Trust
Martin M. Bowers
Sergio Buda
Jerry Carle
Florencio Canto
Stephan Cohen
Lapell L. Costanzo
Robert T. Cizyk
Shira A. Dampi
Rouge Brai De Oliveira
Lusie DeCarralis
Mary Ann Dennis
Thomas H. Downing
Walter M. Duilio
Ronald Eliaffo
Michael C. Elichman
Maxine A. Feinberg
Stanley Relfman
James S. Fihbeck
Steven B. Fisher
Richard S. Friedman
Mark D. Celler
Stefano Giannini
Richard Glück
Martin Gozin
Joseph Goscilo
Curtis R. Goss
Tim D. Green
Myron Gurman
James S. Habeck
Emmet M. Halpryn
Neal C. Herman
Agnes M. Hibi
Maya Idnani
Curtis Jager
Ziad Jalbout
Cristian Jager
Maya Idnani
Neal G. Herman

Matching Gifts
The following corporations have generously matched gifts that were made to the College of Dentistry from September 1, 2006, to August 31, 2007.

Allianzgi of America, LP
Federated Department Stores Foundation
PartnerRE US
Verizon Foundation

Copyright © November 2007, New York University.
The information in this publication is the exclusive reproduction or distributed without prior consent.

Global Health Nexus
College of Dentistry
New York University

Elise Bloom
Executive Chief
Assistant Dean for Communications and Public Affairs

Amiad Finkenthal
Assistant Managing Editor
Assistant Director of Public Affairs

Charles N. Bertolami
Harman Robert Fox Dean

Stuart M. Hirsch
Assistant Dean for International Affairs and Development

Rita A. Startup
Assistant Dean for Development and Alumni Programs

Christopher James
Contributing Writer

Leo Sorel
Principal Photography

Jon Roemer
Additional Photography

Michael C. Alfano
Founder and Senior Consultant
Executive Vice President, New York University

Visit the NYU College of Dentistry on the World Wide Web.

General information:
www.nyu.edu/Dental
Oral cancer information:
www.oral-cancer.org

Global Health Nexus has published twice annually.

New York University College of Dentistry
David B. Reiser Dental Center
134 East 24th Street
New York, NY 10010-4086

Global Health Nexus is produced in part through the generous support of the late Leonard Block, Mrs. Adele Block, and Richard and Peggy Danziger.

Richard Chun Lee
Young Lee
Jeffrey Lemler
Lawrence T. Lieberman
Luciana Lombardi
Stanley Lotzkait
Richard Lyons
Joanis G. Magnis
Jeffrey S. Malloy
Sheree R. Mananan
Maria C. Marangos
Jenise Maglione
Gary J. Markovits
Craig John McLaughlin
Irving M. Melder
Harry P. Meyers
Gusprec Singh Narula
Yourself Oubre
Philip Olsen
Francis P. Pantele
William Y. Perez
Michael P. Pignato
Michael S. Piroton
Robert Rawdin
Abraham Reiger
Joyce Kornfeld Rosenthal
Mark A. Ruggerio
Valeri J. Sackoff
Kathleen A. Salisu
Bruce T. Salen
Steven L. Scher
Robert M. Scuito
Peter Jay Silver
Paula Small
Jay Steinberg
Antoniette Ngoc-Mai Thai
Robert Tomsonare
Anthony T. Vuong
Weiner & Biblo, LLP
Richard M. Weintraub
Robert Weller
Iris Zellweger

Matching Gifts
The following corporations have generously matched gifts that were made to the College of Dentistry from September 1, 2006, to August 31, 2007.

Allianzgi of America, LP
Federated Department Stores Foundation
PartnerRE US
Verizon Foundation
In 2000, Dr. Paul Rosenberg, Professor and Chair of the Quartararo Department of Endodontics, initiated a faculty-student mentoring program with a handful of faculty volunteers. Today, there are more than 40 faculty mentors and the list is growing. Each faculty mentor is paired with approximately 10 students. Every incoming student, both DDS and postgraduate, is assigned a mentor. Dr. Rosenberg, second from left, is shown with three of his current freshman protégés, Alexandra Glickman, ’11, Ryan Allen, ’11, and Amir Awadalla, ’11.
4 Message from the Herman Robert Fox Dean
   Dr. Charles N. Bertolami

8 Mentoring
   NYU President John Sexton on the Great Teacher Who
   Became His Formative Mentor

12 Professors Who Mentor Are Professors Who Matter -
   Dr. Jeanne Sinkford

15 The Faculty Mentoring Program at the University of Michigan
   School of Dentistry - Dr. Peter Polverini

18 NYUCD Moves to Create a Culture of Faculty Mentoring -
   Dr. Louis Terracio

21 Mentoring: The Essential Ingredient in Developing the Next
   Generation of Nursing Leaders -
   Dr. Barbara Krainovich-Miller and Dean Terry Fulmer

24 Student Peer Mentoring at NYUCD: An Idea Whose Time Has Come

26 Everyone Needs a Mentor - NYUCD’s Commitment to Mentoring
   Administrators and Staff - Dr. Michael P. O’Connor

30 Research in Focus
   Update on PEARL Network Studies

32 Identifying a Method for Predicting the Clinical Performance
   of Ceramic Crowns

33 NYUCD Introduces Formal Research Training for First-Year Students

33 Summer Student Research Program Enrollment Up for Fourth
   Straight Year

34 Recruiting the Best
   Dr. Cosmo V. DeSteno, Dr. Lisa R. Biagas, Dr. Donna Shelley,
   Dr. A. Alper Comut, Dr. Philip H. Artenberg, Dr. Zoya B. Kurago,
   Dr. Deepak Saxena, Dr. Gene B. Sherwin, Ms. Li Ruan, Dr. Seiichi
   Yamano, Dr. Bruce A. Brandolin

40 Promoting Our Own
   Dr. Kathleen C. Kinnally, Dr. John S. Evans, Dr. Gustavo D. Cruz,
   Dr. Gary S. Berkowitz, Dr. Cristina Teixeira, Dr. Martine Mandracchia,
   Ms. Helen Samuels, Mr. Tykieyen Moore

42 International Partners in Health
   In Remote Tanzania, Outreach Team Implements Caries
   Prevention Model

44 Uganda Outreach for NYUCD Professor

45 Virgin Islands Pediatric Outreach Continues

46 International Alumni Expand NYUCD’s Global Impact

49 International Programs to Hold First Global Alumni Reunion

50 Focus on International Faculty
   Dr. Esther Kuyinu: Targeting Dental Needs in Nigeria

51 Dr. Yihong Li: Making It Easier for Chinese Students to Study at NYUCD
52 Grants and Philanthropy
$6.2 Million NIH Grant Awarded to Dr. Dan Malamud for HIV Research

54 Edward Fox Donates $5 Million to NYU College of Dentistry to Establish the Herman Robert Fox Deanship

55 NYU College of Dentistry and NYU School of Medicine Share $3.1 Million NIH Award with UMDNJ to Study Causes of Temporomandibular Disorder

56 Nursing and Dentistry Researchers Receive Grant to Study Elder Mistreatment

57 NYU College of Dentistry Awarded $1.2 Million NIH Grant to Develop Fracture-Resistant Zirconia Restorations

58 Dr. Timothy Bromage Receives NSF Grant to Compare African and European Bone Development

59 Michael C. Alfano Commons Named

60 NYUCD in the News
A Sampling of Recent Media Coverage

64 News from the College
Construction Update

67 Welcoming the Class of 2011

68 New York University College of Nursing’s Mobile Health Program Gets Ready to Roll

70 New Master’s Program Combines Biology and Oral Biology

71 “Put Yourself on the Path to Good Health” Is Theme of Free Screenings at NYU’s Colleges of Dentistry and Nursing

72 Inside the Dentistry/Nursing Collaboration: DDS Students Learn to Medically Assess Their Patients

73 Alfano Portrait Unveiled

74 Browsing eBay and Opening a Door onto History: NYUCD Professor Traces the Birth of the Most Important 18th Century Dental Text: Fauchard’s Le Chirurgien Dentiste

78 Endodontics at NYU Celebrates 80th Anniversary

79 Ice Cream Social Welcomes New Dean

80 Technology Briefs

82 Celebrating Our Community
NYU Names Dr. Dianne Rekow as Special Advisor to the President and the Provost on Engineering

83 Global Health Nexus Takes First Place in Design Competition

84 A Doubleheader for Dr. Jonathan Ship: Named as Third Editor of Burket’s Oral Medicine and Honored with Penn Dental School’s Alumni Award of Merit

85 College of Nursing Dean Terry Fulmer Named to Skidmore College Board of Trustees

86 Aura Caldera: The Reason for NYUCD’s Outreach to Nicaragua

87 David Stubbs: Against All Odds

88 Dr. Gerald S. Wank: Celebrating 50 Years of Faculty Service

89 The Spirits Manifest Themselves at Pre-Halloween Party

90 185 Athletes Screened at Special Olympics

96 Focus on Alumni
Alumni Association and Five-Year Classes from ’57 to ’02 Join in Celebration

97 In Remembrance
Dr. Bruce L. Metzger, Class of 1967
Dr. Seymour L. Nash, Class of 1942
Dr. Alfred A. Schwartz, Class of 1947

98 Honor Roll of Donors
I am probably the luckiest dental dean in the country. The faculty, students, staff, and administration at NYU have all already done great things—spectacular clinicians willing to share their expertise with those willing to learn; a unique opportunity to partner with the College of Nursing and its charismatic dean in innovative joint ventures; excellent faculty members contributing as leaders throughout the university; an extraordinary inheritance and legacy from the deanship of Mike Alfano; and the greatest possible support from the central administration, including the President and the Senior Vice President for Health.

But the luck doesn’t stop there. I am also extremely fortunate to serve as the inaugural Herman Robert Fox Dean of the NYU College of Dentistry. Just months prior to my arrival, NYUCD received a magnificent gift from Mr. Edward Fox, Chairman of the Board of the American Ballet Theatre, to establish the Herman Robert Fox Deanship in honor of his late father, a member of the Class of 1926. (See related story on page 54.) Little did I know, just one year ago, when I had the pleasure of writing an article for Global Health Nexus entitled “Is It Possible to Educate Students to Act Ethically?” that I would be writing to you again one year later as Dean.

My first Dean’s Message in Global Health Nexus provides a welcome opportunity to introduce one of my top priorities, or what I like to call “captivating ideas”—specifically, the idea of mentorship.

“I believe that everyone needs to have a mentor and that everyone needs to be a mentor.”
At a recent ADEA Board of Directors meeting, Dr. Robin Daniel, President of the National Dental Association, gave a terrific extemporaneous talk on mentoring and the people who changed his life because of it. He made a point of saying that a mentor is not solely a person to emulate, but also one who touches you. For example, a star athlete may be a role model, but he/she never actually knows the person being influenced. The mentorship role is much more intimate.

Mentoring does not begin with students. It begins with faculty who are worthy of being emulated as mentors. In turn, mentor-worthiness is a state of mind that values all those attributes that others might aspire to.

Being mentor-worthy means being involved with and desiring to empower others. It is the opposite of apathy,
disgruntlement, dissatisfaction, and victimhood. At the heart of successful mentoring is something the writer Daniel Goleman refers to as “emotional intelligence.” To paraphrase Goleman, a person of high emotional intelligence is:

Socially poised, outgoing and cheerful, not prone to fearfulness or worried rumination. Having a capacity for commitment to people or causes, for taking responsibility, for having an ethical outlook, for being sympathetic and caring in his or her relationships. Comfortable with one’s self, with others and with the social universe one inhabits.

The prospective mentor has to ask herself or himself, if this is not me, would I like it to be? It can be, but it requires a decision—along with some inside information. The inside information is that none of the attributes described are intellectual in nature; they have nothing to do with IQ, physical capacities, or manual dexterity.

They are all emotional in nature. An individual possessing these emotional traits is manifestly mentor-worthy, and is certain to attract protégés who recognize qualities that almost everyone would like to see in themselves and would be willing to work to achieve.

Although mentoring starts with faculty, it does not stop there. A progression of mentor-worthiness must be recognized and endorsed by the entire organization. As Harold Kushner has pointed out, a mentor should be a little older than the protégé, but not by too much. The protégé has to be able to relate to the mentor casually, in a way that becomes more difficult as the age differential increases. Thus, first-year students are more likely to model themselves on fourth-year students than on senior professors. This underscores the fact that there is a mentoring role for everyone within the organization, at literally every level—professors for junior faculty; junior faculty for residents and advanced students; senior students for freshmen; even first-year students for applicants, college students, and high school students.

To be effective, mentorship has to be talked about within an organization often and at every level. Having a mentor/being a mentor has to be understood as a communal aspiration. The mentor-protégé connection can be one of the deepest and most satisfying human relationships outside of the direct family bond.

Consider how the imagination of the general public has been captivated by the depth and richness of the student-professor relationship in Mitch Albom’s wildly popular book *Tuesdays with Morrie*. G. D. Koh has written that the bottom line is this: “Connecting students to somebody or something worthwhile is everybody’s business.” Faculty, students, and staff all need to appreciate the chance they have to actively cultivate protégés as one of the special gifts of the academic life. And faculty, in particular, need to seize the opportunity provided by mentoring to cultivate the dental school faculty of the future.

In the following pages, you’ll learn how NYUCD is integrating mentorship into the fabric of campus life. All of the initiatives described are designed to empower the members of our learning community and ultimately to benefit the institution and improve the quality of education at the Colleges of Dentistry and Nursing.

You’ll find some truly wonderful and thought-provoking articles and interviews on mentorship featuring Dr. John
Sexton, President of NYU; Dr. Jeanne Sinkford, Associate Executive Director of ADEA and Director of the ADEA Center for Equity and Diversity; Dr. Peter Polverini, Dean of the University of Michigan School of Dentistry; Dr. Louis Terracio, NYUCD Associate Dean for Research; Dr. Barbara Krainovich-Miller, Assistant Dean for Academic Initiatives, and Dean Terry Fulmer, both of the College of Nursing; and Dr. Michael O’Connor, NYUCD’s Executive Associate Dean for Administration and Finance. There’s also a story about the first formal student-to-student peer-mentoring program at NYUCD.

"Achieving a satisfying life-work balance can be a formidable challenge. A good mentor recognizes the importance of helping her/his protégé to effectively balance teaching, research, and service obligations with personal commitments."

Other articles in this issue of Global Health Nexus further underscore my sense of good fortune in arriving at NYUCD at this particular point in its history. In addition to the remarkable gift of the Herman Robert Fox Deanship, recent spectacular successes on the grants and philanthropy front also include a $6.2 million NIH grant awarded to Dr. Dan Malamud for HIV research; a $3.1 million NIH grant shared with the NYU School of Medicine and UMDNJ to study causes of temporomandibular disorder; a $1.2 million NIH grant to develop fracture-resistant restorations; and a grant from the National Institute of Aging to enable nursing and dentistry researchers to study elder mistreatment.

I hope you will enjoy all the articles in this issue. As they demonstrate, the good news keeps getting better.

John Sexton has served as President of New York University since 2001. He is also the Benjamin Butler Professor of Law and NYU Law School’s Dean Emeritus. President Sexton holds a BA in History from Fordham College; an MA in Comparative Religion and a PhD in History of American Religion from Fordham University; and a JD magna cum laude from Harvard Law School. Before coming to NYU, President Sexton served as Law Clerk to Chief Justice Warren Burger of the United States Supreme Court (1980–1981). From 1970 to 1975, he was Professor and Chair of the Department of Religion at Saint Francis College in Brooklyn. President Sexton spoke recently with Global Health Nexus about the importance in his life of a particular mentor, a great teacher named Charles (Charlie) Winans, who ignited in him a passion for learning and teaching.
Global Health Nexus (GHN): How did you meet Charlie?

President Sexton: Let me begin with a little context. I was raised in Brooklyn in the cauldron of Irish Catholic Democratic politics, at a time when Catholic youngsters were not led to believe that they could rise to leadership positions in society. This was before John F. Kennedy won the West Virginia primary and before the Vatican Council of the sixties. I had an immensely loving upbringing, but it was also narrow and parochial.

The Catholicism conveyed to boys like me consisted of a set of simple rules: “Don’t eat meat on Friday, get to mass on Sunday, and don’t even think about sex before marriage.” If we were nervous about whether simple adherence to this set of rules would deliver eternal salvation, we could make a set of novenas to seal the deal. In short, I was a naïve young boy, living in a naïve time.

Then, in 1955, I started at Brooklyn Prep, a great Jesuit school, and my worldview burst wide open. It was there that I encountered this mystical man who put his mark on the school for the nearly 20 years in which he taught there. Though never a Jesuit, this man devoted his life to teaching in Jesuit schools. While it’s impossible to capture fully this man who defies both prose and poetry, the words of a Jesuit priest who knew Charlie offer a glimpse of what he was.

“Charlie,” he wrote, “lived every day in capital letters. He had the body of Orson Welles, the voice of James Earl Jones, and the soul of Francis of Assisi. He was larger than life. Charlie believed that God had made the world and saw it was good, and we should not insult God by not enjoying it.”

The school conveyed such a powerful feeling of community and nurturing that to this day, 60 to 70 percent of the graduates attend an annual reunion. That nurturing and communitarian spirit came principally from this man named Charlie. He was the greatest teacher I have known.

GHN: What made Charlie such a great teacher?

President Sexton: Charlie liked to say, “Play another octave of the piano. Reach the notes you haven’t yet touched.” This was his injunction to stretch oneself beyond what one already knew and had accomplished, to challenge oneself at a deeper level, to encounter the world and learn from it. For Charlie, reaching those notes meant teaching, which he called “the noblest vocation.” He was my formative mentor from the moment he issued his mandate to “Play another octave of the piano.” I decided to become a teacher because of Charlie.

GHN: How did Charlie’s mentoring manifest itself?

President Sexton: Charlie’s influence extended well beyond the classroom. He was always available to his students. He took us to the opera, to plays, to films, to dinner in Manhattan. In fact, the first time I went to Manhattan was with Charlie. He opened up a whole realm of learning about life and people to a group of about a dozen of us who became close to him, spending an hour a day with him, five days a week, for a course we called, simply, “Charlie.”

Like Charlie himself, his home was always open to his students. It was a kind of magical adjunct to the school, and you could gain admission by doing an extra weekly

Charlie instilled in us an openness to the other, a yearning to understand and be curious about experiences we hadn’t yet had, to encounter the world and learn from it. Along with these powerful concepts, he instilled in us the wonderful sense of the moral significance of our actions.
assignment. Charlie would talk about history, literature, art, music down through the centuries. Long before anyone had entertained the notion of interdisciplinary studies, before the Vatican Council, before the civil rights movement and Vietnam pressed us to confront authority and tradition in ways new to us, Charlie instilled in us an openness to the other, a yearning to understand and be curious about experiences we hadn’t yet had, to encounter the world and learn from it. Along with these powerful concepts, he instilled in us the wonderful sense of the moral significance of our actions.

“Everything that I have done professionally and all my values were shaped by this sense of wonder about living a life of moral significance that Charlie instilled in me.”

GHN: What do you mean by “moral significance?”

President Sexton: Let me give you one example. Shortly before his death in 2005, Charlie said to me, in that booming voice of his, “John, I invite you to a religious practice I myself began 70 years ago, when I decided that no one of my limited talents could commit an offense worthy of God’s attention. So I stopped confessing sins of commission and began confessing only sins of omission.” Charlie’s message was that the serious sins are sins of omission; they are the results of a person’s failure to perform acts that could make the world a better place. Charlie believed that a person who understands this concept will actively seek encounters with the world, rise to the challenge of doing what must be done, and not commit the sin of sitting on the sidelines.

Everything that I have done professionally and all my values were shaped by this sense of wonder about living a life of moral significance that Charlie instilled in me. You could say that I am a complete extrapolation of Charlie.

GHN: What specific traits make a great mentor?

President Sexton: In addition to being open and available, a great mentor is also willing to give up control of a protégé. For example, Charlie’s passion was directing plays and having his students perform in them. In my case, recognizing that I had no theatrical ability, he did not try to talk me into joining his acting group; instead, he sent me into competitive debate, which became my passion and set me on the path to law school.

Another quality of a great mentor is a willingness to allow a protégé to fail. And Charlie did that as well. He taught me that it is important to learn early in life that failure is not the end—indeed, if you have not failed, you have not risked enough.

Above all, I think a great mentor is someone who has the ability to cause one to think in new and strange ways. A mentor who causes you to think about things the way you would have thought about them anyway is not very helpful. People say that I have this ability to see things in ways that others don’t.

GHN: Could you give an example?

President Sexton: An example would be the direction in which I was able to take the Law School as Dean for 14 years. American legal education at the beginning of the 1990s was very myopic and ethnocentric. For example, most law schools in America are regional or state law schools, with different requirements for licensure and practice. At NYU, we changed this paradigm by creating the “global law school.”

“I think a great mentor is someone who has the ability to cause one to think in new and strange ways.”

Our premise was that boundaries were becoming less important and that the time had come to think of law as a global phenomenon, to develop an appreciation for the other and a capacity to listen and be humble. Further, it was time for lawyers to become communicators.
among cultures and societies, rather than to continue to think and practice according to geographic boundaries. I got a lot of credit for this innovation, but as I told my colleagues, the reason I was able to see the need for this change before they did was because “I had seen the movie before.”

What I meant was that I had had an earlier epiphany, while I was studying for my doctorate in religion, a period which coincided with the Second Vatican Council. The Vatican was moving out of a closed system and toward an embrace of the other, and it suddenly became important for lay Catholics to understand other faiths. Like many, I was inspired to take up Pope John XXIII’s invitation to open the windows of the church and to welcome into our faith the fresh air of thought and reexamination. It was this experience that prepared me to understand the need to break down the boundaries in legal education in favor of creating a “global law school.”

Ultimately, however, it all goes back to Charlie, who initially challenged me to embrace openness. He is the fountain from which my understanding of the Vatican Council flowed, and this, in turn, led to the concept of the “global law school.”

“It all goes back to Charlie. He is the fountain from which my understanding of the Vatican Council flowed, and this, in turn, led to the concept of the ‘global law school.’”
This article is based on a conversation with Dr. Jeanne Sinkford, Dean Emeritus, Howard University College of Dentistry, and currently Associate Executive Director of the American Dental Education Association (ADEA) and Director of the ADEA Center for Equity and Diversity.

For more than 40 years, Dr. Sinkford has been an innovator and leader in dental education. In 1975, she became the first woman dean of a U.S. dental school, Howard University College of Dentistry. Coincidentally, her appointment as Dean came during International Women’s Year, a United Nations–sponsored event designed to foster discussion of both the formal and informal restrictions that confine women. More recently, Dr. Sinkford received the National Dental Association’s 2007 Trailblazer Award, given to exemplars who have created paths for others to follow in clinical dentistry, dental education, community service, and organized dentistry, as well as in the social, political, and economic progress of the profession. What follows are her thoughts on the importance of mentoring in dental education.
Why should dental education be concerned with mentoring? Simply put, mentoring develops the profession. It’s not enough to educate and train future dentists; we must also nurture them. And this is important not only because we want to make dental education a more humanistic experience and to create caring, compassionate dentists, but also because mentoring is useful and powerful in cultivating the next generation of dental educators. That has certainly been my experience.

At the time I entered dental school, there were only a few women in the field. I was fortunate to be at a minority institution, Howard University College of Dentistry, where talent was more important than gender. The Dean, Dr. Russell Dixon, was committed to building a quality faculty by mentoring talented students.

I also benefited from an endowment left to Howard by a woman trustee, Louise C. Ball, for the specific purpose of developing faculty. She had been on the faculty at Columbia, and she shared Dean Dixon’s vision of the need to provide professional development opportunities for future dental educators and researchers.

Dean Dixon used that endowment to establish a fund to provide grants for advanced training for dental graduates who were in turn obligated to return to Howard to teach. So in addition to mentoring me during my predoctoral education, Dean Dixon found the resources to enable me to advance my career after graduation. When I became Dean, I carried on that tradition by using the fund to recruit junior faculty and provide them with the resources to advance professionally.

Another great mentoring experience came via my relationship working as an Associate Dean with Dr. Joseph Henry, my immediate predecessor as Dean at Howard. My original and most formative mentor, however, was my mother, who taught me that being female was no barrier to anything I wanted to achieve.

When I think of a mentor, I think of someone who doesn’t give up on you until you are a success. A mentor is a trusted, respected counselor, someone recognized by the protégé as expert and accomplished in her or his field, someone who can give advice in a positive and encouraging way, and someone capable of fostering empathy, dialogue, and intimacy.

When I was Dean at Howard, we had both formal and informal mentoring programs for students. The formal program focused on supporting at-risk students by putting them into structured programs with faculty mentors who would help them rise to their potential. These students might have academic or personal problems or difficulty making the transition from undergraduate life to a more intense academic environment, and the mentoring programs helped to bridge the gap. But there was also a lot of informal peer mentoring among students, which today often occurs in cyberspace.

We were also committed to mentoring junior faculty. Indeed, it was part of the Howard culture for the department chairs to take this on as a natural part of their duties and responsibilities. In support of this activity, we hired an educational psychologist who was very instrumental in helping the department chairs to become mentors. This person’s responsibilities ranged from teaching the chairs how to mentor so that their protégés could successfully adapt and thrive in their new environment, to how to conduct annual performance reviews.

What the program did not include—and I think this is the case at many schools—was a formal system for recognizing and rewarding effective faculty mentors.

We need to find ways to grant recognition and rewards to mentors who guide their protégés to success just as we do for other markers of academic excellence, such as publications and research awards. We need to recognize professors who mentor “as

“I think a mentor is someone who doesn’t give up on you until you are a success.”

“It was part of the Howard culture for the department chairs to mentor junior faculty as a natural part of their duties and responsibilities.”
If you think of the title ‘professor’ as a brand with intrinsic, widely recognized value, then mentoring should be thought of as an additional credential, which adds value to the brand.

Mentoring should also be recognized as providing a sense of fulfillment beyond that which one gets from being a great clinician or a great lecturer, because it expands one’s ability to mold and create future faculty who will generate new knowledge. In order to reward, we must be able to determine evaluative outcomes for protégés, mentors, and institutional goals and objectives. Research in this area is needed.

I am fortunate to be intimately involved with precisely this kind of research in my capacity as the Principal Investigator on the Minority Dental Faculty Development Program and Access to Dental Careers Program, both funded by the W. K. Kellogg Foundation. Both programs are committed to expanding the diversity of dental education and to the proposition that those who populate dental education should reflect the diversity of our society. Specifically, they are designed to recruit more minorities to study dentistry and to facilitate advanced training and career development for future faculty. The Kellogg Foundation programs, moreover, are the first to fund research on the specific benefits of mentoring programs for minority dental faculty.

Thanks to these programs, which are funded through 2009, we will have objective data that will allow us to build evaluation mechanisms into our mentoring programs, and subsequently to develop ways to reward outstanding mentors for their service not only to their protégés, but also to the institution, the profession, and the surrounding community.

A mentor is like a referee—someone who is determined to see to it that a strict code of ethical conduct is an integral part of the protégé’s quest for advancement.
Although informal mentoring programs have been conducted at the University of Michigan and its School of Dentistry for many years, it is only in the past decade that a full complement of formal, department-based faculty mentoring programs have been established at the Dental School. These programs are designed specifically to attract, develop, and retain the most talented and academically competitive faculty, who are capable of demonstrating excellence in teaching, research, and service and are guided by the belief that, as with any investment, it is prudent to ensure that the faculty member you have made a significant investment in is given every opportunity to succeed.
An additional mentoring program is available to all faculty through the Dean’s Office. This program is primarily informational and serves to supplement but not to replace department-sponsored mentoring programs.

It is well established that successful mentoring occurs when experienced members of an organization/professional discipline take a less experienced colleague “under their wing,” and guide them through the academic and socialization process, including knowledge of institutional philosophy and how to access resources. Indeed, mentoring is a mechanism for empowering the protégé with the knowledge and strategies that will allow the person to achieve her/his full potential.

At Michigan, we believe that this is accomplished most effectively by passing along knowledge gained through years of living and achieving within the organization. Within this context, a formal mentoring relationship becomes an excellent strategy for embedding the norms and values central to the culture of an institution in the protégé’s consciousness and value system and communicating the message that adopting these norms and values is critical to the protégé’s success.

Because the program at the University of Michigan is set up for the benefit of junior faculty, the more junior partner in each mentor/protégé pair is expected to take responsibility for making the relationship work. The mentoring program in most cases begins during the recruitment process.

An example of a successful mentoring program is one currently employed in the Department of Periodontics & Oral Medicine. Once a mutually agreed upon mentor/protégé pairing has been established, the protégé is expected to contact the mentor to set up the first meeting, at which time both parties work to reach a clear understanding of the objectives they hope to achieve. They are expected to agree on the frequency, duration, and place of meetings, and to agree about whether or not the mentor will have an “open door” policy and be available to his/her protégés at any time.

Protégés are encouraged to clearly formulate their career goals, define

“A formal mentoring relationship is an excellent strategy for embedding the norms and values central to the culture of an institution in the protégé’s consciousness and value system and communicating the message that adopting these norms and values is critical to the protégé’s success.”
Senior faculty not only gain the gratification of sharing their knowledge and experience with a protégé, they also very often experience personal self-renewal.

any problems, and be prepared to discuss concerns openly with their mentor at scheduled meetings. At the same time, it is important for the protégé to know when the mentor will communicate with the department chair on issues regarding promotion, salary, and other matters concerning the protégé’s professional future.

When the mentoring process works effectively, it provides tangible benefits to the mentor as well as to the protégé. In the process of helping to shape the careers of junior faculty, senior faculty not only gain the gratification of sharing their knowledge and experience with protégés, they also very often experience personal self-renewal.

In the majority of cases, both protégés and mentors find the experience rewarding. In those instances where the mentor and protégé are not a good fit, it is up to the protégé to meet with her/his department chair to make other arrangements. An important aspect of the faculty-mentoring program at the University of Michigan is that it is not overly prescriptive. Some junior faculty require a lot of attention, while others require much less. Regardless of the approach, the goal is the same—to ensure that every faculty member is given every opportunity to succeed.

ENSURING ACCOUNTABILITY

All faculty participate in a yearly performance review led by their department chairs. While each faculty mentor is responsible for his/her own success or failure, department chairs are held accountable for the overall success of their entire faculty. The chairs must ensure that effective mentoring programs are available to all new faculty. Chairs are reviewed annually and the success of their faculty is taken into account when determining merit salary increases and resource allocation to each department.

At Michigan, we use numerous yardsticks to measure success. These include peer-reviewed publications; extramural research awards; peer and student teaching evaluations; speaking invitations outside the university; successful local, national, and international committee service; and successful advancement through the faculty ranks.

Our commitment to staff self-improvement and position advancement is as central to our mission as our commitment to faculty success.

All department chairs are held accountable for the success of their faculty.
In a message sent to the NYU community as he was preparing to assume the position of Executive Vice President of NYU, former Dean Mike Alfano wrote, “It is the esprit de corps among our students, faculty, and staff that has made possible our achievements, and I am convinced that as long as every member of our community remains dedicated to safeguarding this most precious asset, NYU’s future will be nothing short of extraordinary.”

With the arrival of Dean Charles N. Bertolami, NYU is positioned to take the concept of “esprit de corps” to the next level. If you’ve read Dean Bertolami’s message on page 4, you know that mentoring is among his highest priorities. I fully share both Charles’s belief in the intrinsic value of mentoring and his goal of creating a true culture of mentoring at NYUCD. Indeed, since joining NYUCD in 2000, I have made mentoring a vital component of an overall plan to revitalize NYUCD’s research environment. Now, with the support of our new Dean, plus the active involvement of the department chairs and senior faculty, we have created a program that recognizes how overwhelming it can be for a new faculty member to come into an institution as large and complex as NYUCD, and how important it is for every new faculty member to have access to a group of people who are committed to serving as chief navigators on that person’s journey toward promotion and tenure.

THE NUCLEUS OF THE FACULTY MENTORING PROGRAM: AN EXPERIMENT THAT PAID OFF

Today, NYUCD ranks fifth among U.S. dental schools in receiving funding from the National Institute of Dental and Craniofacial Research (NIDCR), part of the National Institutes of Health (NIH). This is a remarkable achievement, considering that NYUCD ranked 41st on the national research list just nine years ago. A number of factors are responsible for this impressive rise, all of which derive from a philosophy that makes research a priority. I want to mention one factor in particular, because it provides an example of the power of mentoring.

In 2001, I instituted a weekly research mentoring “workshop,” which allows grant seekers to discuss their applications with one another as they are being developed and to benefit from ongoing feedback in a safe, nurturing environment, where interaction and cross-pollination of ideas can flourish. Instead of working in...
isolation, grant seekers are encouraged to work collaboratively to solve one another’s problems and to facilitate the grant development process. A wonderful result of this initiative was that NYUCD faculty wrote more and better grants and began securing more significant funding. It is worth noting that not everyone who attends the workshop is a grant seeker. Some people come simply to observe, to learn how people can give and respond to constructive criticism—which in itself is a mentoring experience.

At the same time, mentoring relationships were encouraged between newly recruited A-plus level research faculty and junior faculty members. This type of mentoring relationship also drove NIH-funded, faculty-mentored student research, which has also grown exponentially in recent years. Witnessing the special relationships that develop between mentor and protégé, and experiencing the joy of watching a protégé thrive, have been among my happiest and most gratifying experiences at NYUCD.

**GOING FORWARD**

This workshop approach is the prototype for the broader program we have created to help new faculty adapt to NYUCD and to facilitate their ability to thrive professionally. Every new faculty member is provided with access to a mentoring committee consisting of the department chair, who has overall responsibility for making the process work, plus two additional senior faculty members (tenured associate or full professors), whose interests and expertise match those of the new faculty member. For example, in research, this would mean a history of grants and publications in a research area similar to that of the newcomer.

Mentors are selected by the department chair in consultation with other senior faculty in the department and the Associate Dean for Research, and all mentoring committees are approved by the Executive Vice Dean. Importantly, since mentoring is time consuming, all mentors must be volunteers.

**NO MENTOR IS BETTER THAN A BAD MENTOR**

When we talk about mentoring, what we are really saying is that someone’s professional future is at stake. This is serious business and not all people are cut out for it. David Clutterbuck of the European Mentoring Center describes the characteristics of people who should not be mentors in *The 12 Habits of the Toxic Mentor*, his lighthearted look at mentoring gone wrong.

Here are a few of the habits, according to Clutterbuck, that make for a toxic mentor: (1) Start from the point of view that you—from your vast experience and broader perspective—know better than the protégé what’s in his or her interest; (2) remind the protégé how fortunate he or she is to have your undivided attention; (3) never ask them what they should expect of you—how would they know anyway? (4) never, never admit that this could be a learning experience for you, too.

**WHAT DOES A GOOD MENTOR LOOK LIKE?**

If the above describes a “toxic mentor,” what does a good mentor look like? Above all, a good mentor is a role model. Dean Bertolami likes to define a role model as “a condition occurring in the mind of a student or protégé that combines a given action with the identity of another person, a mentor whom the student respects, admires, and—ideally—feels affection toward.”
Expressed more simply, the protégé says, “This is how Dr. X would do things, and I want to be just like Dr. X.”

A good mentor wants his or her protégé to avoid making the same mistakes the mentor made; to successfully balance teaching, research, and service obligations; and, ultimately, to achieve promotion and tenure within a reasonable time frame.

**TEACHING**

Since teaching is NYUCD’s primary mission and since all faculty must teach, the faculty-mentoring program operates on the premise that while excellence in teaching comes naturally to some new faculty, but not to all, every new faculty recruit—not just those on the tenure track—needs a mentor. A teaching mentor might help the novice faculty member surmount challenges such as teaching large classes, which may include up to 350 students, and differentiating between pedagogical strategies suitable to professional education with its lock-step curriculum and those that work in an undergraduate environment with a more open-ended curriculum. The teaching mentor will also observe lectures and work with her/his protégé to develop a plan to build a significant teaching portfolio.

**RESEARCH**

Because New York University is a research-one university, NYUCD, like all NYU component schools, must conduct top-quality research in order to remain part of NYU. To that end, a research mentor will meet with the faculty protégé to develop a research plan that includes a timeline and milestones for submission of grants, papers, and the like. This should also include identifying any additional career strategies, such as courses, seminars, and meetings, that the protégé should attend.

**SERVICE**

The third component of the trio of targets that a new faculty member must aim for is the achievement of distinction through service. A good mentor is able to communicate to new faculty that pure data is a poor substitute for wisdom, experience, common courtesy, and the quality of good citizenship that goes beyond teaching and research. Such a mentor is so committed to serving the institution that the new faculty member cannot help but act the same way.

A good mentor creates a kind of behavioral apprenticeship for the protégé. An example would be a clinic mentor who helps the new recruit not only to adjust quickly to clinical guidelines and core institutional values, including compliance issues, but also to become the best clinician she or he can be, not only by knowing and acting on the best and latest scientific evidence, but also by treating students, colleagues, and staff with tact and consideration. To that end, all new clinical faculty will have the opportunity to spend time “shadowing” a master mentor in the clinic.

Mentors and protégés in nonclinical settings will develop their own strategies to develop a “service” ethic. The point is that all new faculty members, whether in the clinic, classroom, or lab, have the opportunity and the obligation to model themselves on mentors who are recognized for distinguished service to the institution, patients, and the campus community as a whole.

> **At NYUCD, the days of leaving the success of new faculty members to chance are over. Thanks to the faculty-mentoring program, we now have a mechanism in place to empower new faculty to become more successful than they could if they were going it alone.**

In short, at NYUCD, the days of leaving the success of new faculty members to chance are over. Thanks to the faculty-mentoring program, we now have a mechanism in place to empower new faculty to become more successful than they could if they were going it alone.
Mentoring: The Essential Ingredient in Developing the Next Generation of Nursing Leaders

By Barbara Krainovich-Miller, EdD, APRN, BC, ANEF
Assistant Dean, Academic Initiatives; Clinical Professor and Program Coordinator, Nursing Education Master’s Program NYU College of Nursing

Terry Fulmer, PhD, RN, FAAN
Dean and Erlene Perkins McGriff Professor, NYU College of Nursing

A mentor is an individual who, through alchemy with another person, the protégé, decides to invest her/his time and energy in assisting the protégé’s career development. Merriam-Webster’s online dictionary defines a mentor as “a trusted counselor or guide, tutor, or coach.” The word is derived from “Mentor,” the name of a character in Homer’s *Odyssey*. Odysseus entrusted his friend Mentor with his infant son’s education and safety during his absence. Mentor felt great concern and love for the boy, who reciprocated the feeling.

The concept of mentorship has stood the test of time. The large body of literature (both fiction and nonfiction), and a small, growing body of science from interdisciplinary health and business disciplines, supports the significance of mentors’ contributions to the personal and professional development of individuals in general and of faculty and students in particular (e.g., Bennis, 2004; Kelley & Aiken, Hughey, 1997; Hargreaves & Fullan, 2000; Kostovich & Thurn, 2006; Matthew-Maich et al., 2007; Morin & Ashton, 2004; Roberts & Turnbull, 2002; Rudy & Grady, 2005; Vance 2000).

At the NYU College of Nursing (NYUCN), we see mentorship as key to a successful educational
At the NYU College of Nursing (NYUCN), we see mentorship as key to a successful educational enterprise within a research-intensive university.

Enterprise within a research-intensive university. Success in this context includes developing the next generation of nursing leaders.

**MENTORING STRATEGIES AT THE COLLEGE OF NURSING**

Current evidence indicates that when senior faculty are formally committed to faculty development programs, important outcomes emerge in terms of promotion and tenure. For example, William and Blackburn’s (1988) study revealed that faculty who worked with senior mentors had a significant increase in research productivity compared to those who were not in a mentoring relationship. A later study by Roberts and Turnbull (2002), a critical review of studies on faculty scholarship, linked the importance of a senior mentor to scholarly outcomes of new and junior faculty. Morin’s and Ashton’s (2004) integrative review of all relevant research literature on faculty development studies between 1980 and 2003 revealed 19 “quality” studies, which supported the identification of a faculty mentor to facilitate a new recruit’s transition to the faculty role. Rudy and Grady’s (2005) study of NIH-funded nurses indicated all were current faculty and they self-identified “mentoring” as one of the major factors contributing to their successes. Matthew-Maich et al. (2007) found that when mentorship was part of a nursing faculty-development program on problem-based learning, it decreased new faculty uncertainty and increased both collegial trust and a sense of community. Despite this growing body of science, however, further research on mentoring needs to be conducted in order to determine the variables and outcomes related to successful mentoring programs.

At the College of Nursing, mentorship encompasses both formal and informal approaches designed to help faculty who are new to academe develop in ways that ensure progression and success, whether along clinical or tenure-track lines. Caring constructs permeate our mission, vision, and goals and inform the design and implementation of systems to help ensure that we retain faculty and students and that they achieve their goals.

When junior faculty are hired, we have an obligation to support them because they, in turn, will later support others. Students, ever observant, pick up on the relationship patterns of mentors and protégés and identify effective role models. Indeed, successful student outcomes and successfully mentored faculties are indivisible.

NYUCN’s formal mentoring program includes: (a) assigning new faculty to senior faculty, (b) providing monthly faculty-development evening dinner workshops related to the essential themes of our strategic plan, and (c) providing bimonthly development sessions for “day” faculty.

The informal program includes inviting new faculty to: (a) attend the Dean’s monthly “get-together” dinners, (b) take advantage of NYU’s Center for Teaching Excellence monthly workshops, (c) participate in monthly research council meetings, and (d) participate in Thursday research presentations.

The concept of assigning a mentor to faculty is an interesting one, and could be debated. Some argue that mentors cannot be assigned and that the mentoring relationship has to develop spontaneously and gradually, with both individuals...
recognizing an affinity for one another. However, the intention of initially assigning a senior mentor is to ensure that new faculty members have access to an ongoing and caring dialogue with a senior faculty member. Assigning a senior mentor activates the process but does not preclude the new faculty member from seeking another mentor within the College or even within other units of the University. Indeed, it is hoped that it fosters the notion that we all need more than one mentor.

The formal faculty development workshops are conducted by senior interdisciplinary faculty as well as by outside experts. Scholarly interactive dinner sessions facilitate attendance. The goal is to expose new faculty to the key concepts that are threaded across the curricula of the BS, MS, and PhD programs, such as evidence-based practice and reduction of healthcare disparities for vulnerable, underserved populations, as well as to acquaint new faculty with opportunities for professional growth provided by two signature collaborative initiatives issuing from the nursing/dentistry alliance.

The informal mentorship program begins with the Dean serving as the original mentor over the first year. The initial “new faculty” dinner conversations serve as an opportunity for the Dean to get to know new faculty as individuals so that initial matches of senior faculty have every chance of success. These events provide a relaxed atmosphere in which to foster mentor-protégé opportunities. In no time, people sense if they are with the right mentor, and if not, they are encouraged by the Dean to change as needed. Hopefully, mentors and protégés enter into this relationship with the understanding that the purpose is to create a supportive environment that will allow a new faculty member to succeed in scholarly work related to teaching, securing research grants, publishing, and learning how to get the work/life balance right (Cubie et al., 2005).

Feedback from new faculty members reveals several secondary benefits from attending both the Dean’s dinners and other formal and informal mentoring meetings and workshops. These encounters provide an opportunity to network and establish new friendships.

It is very gratifying to know that the College of Nursing’s mentorship program shares Dean Bertolami’s conviction that “everyone needs a mentor” and that “the mentor-protégé connection can be one of the deepest and most satisfying human relationships outside of the direct family bond.” We believe that faculty who are mentored carefully will become, as he puts it, “worthy of being emulated as mentors by our students.”

"The concept of assigning a mentor to faculty is an interesting one, and could be debated. Some argue that mentors cannot be assigned and that the mentoring relationship has to develop spontaneously and gradually, with both individuals recognizing an affinity for one another."
Student Peer Mentoring at NYUCD: An Idea Whose Time Has Come

While it is not unusual to find structured, institutionally sponsored, student peer-mentoring programs at medical schools, the same cannot be said for the majority of dental schools. But beginning in fall 2007, entering freshmen were welcomed with the launch of a formal peer-mentoring program designed to enable every member of the Class of 2011 to deal successfully with the kinds of issues and anxieties that freshman dental students are likely to face. Each of the 235 incoming students was matched with a mentor selected from among the D2–D4 classes. The mentors have to be in academic good standing; judged to be able to share with the freshmen the kind of “insider information” (study skills and strategies) they had learned in order to be successful; personable and considerate of the needs of new students; and knowledgeable about NYUCD and its student community.

Mentors receive formal training, which focuses primarily on empowering entering students to deal with key issues, including how to identify and access academic and lifestyle resources, how to adapt successfully to a very demanding urban environment, and myriad other problems, rather than on having the mentor solve the freshman’s problems. Each student mentor, who is responsible for three to four protégés, agrees to help freshmen through the orientation process and to be available to provide general information, support, and encouragement throughout the first year of the DDS program. This includes contacting incoming students prior to their arrival at NYUCD, and every two to three weeks thereafter to check on how they are doing.

Every mentor selected for the program said, “I wish they had had this when I started here.”

The student-mentoring program was created by Mr. Steve Bolan, Director of Student Affairs, who oversaw peer-mentoring programs at several other institutions of higher education before joining NYU.

“As a D2, D3, or D4 student, who ‘knows the ropes’ and can empathize with the experience of being a first-year dental student,” says Mr. Bolan, “the student mentor has the opportunity to make D1 students feel more connected to NYUCD, while also enhancing the NYUCD student community as a whole. It’s definitely a two-way street: the freshmen know that they have a reliable resource and referral agent to turn to for time-relevant information on what it takes to be a happy and successful student at NYUCD, and the mentor gains an increased awareness of others and their challenges, and how to best assist them. The first months of this program have already yielded many compelling testimonials from both freshmen and their mentors.”

“The student mentor has the opportunity to make D1 students feel more connected to NYUCD, while also enhancing the NYUCD student community as a whole.”

Mr. Steve Bolan, Director of Student Affairs, at right in white shirt.
Justin Chan,  
Class of 2010, Mentor:  
“As an undergraduate at UCLA, I also participated in a peer-mentoring program and thought it was very worthwhile. But dental school is so much more rigorous that I think a person needs a mentor even more at this level.”

Josephine Chang,  
Class of 2011, Protégé:  
“It’s been really wonderful in helping me to adjust not only to school, but also to living in New York, because I miss home a lot. My mentor provides helpful hints on things like how to allocate my time, and also on life stuff, like where to shop and things like that. I feel like being mentored has given me a leg up.”

Elyse Kerschner,  
Class of 2011, Protégé:  
“It’s really helped me to avoid feeling stressed out. I don’t know what I would have done without it.”

Alevtina Malakova,  
Class of 2010, Mentor:  
“I think it helps incoming students learn the ways of the College much quicker than they would be able to do on their own. I get a little scared for them, because they have to go through everything I went through. But I know that my being there for them gives them a feeling of calmness.”

Lauren Becker,  
Class of 2010, Mentor:  
“Because only one year of dental school separates me from my protégés, I can easily relate to what they are going through.”
Everyone Needs a Mentor – NYUCD’s Commitment to Mentoring Administrators and Staff

While most strategic planning efforts in higher education today identify the critical role of mentoring in the career development of faculty, very few plans explicitly state or focus on the importance of mentoring in the development of administrative and support staff. The shortsightedness inherent in overlooking the mentoring needs of all employees has a negative impact on the overall effectiveness of the organization.

As part of the overall team at NYUCD, administrators and staff play a critical role in enabling the academic and clinical departments to carry out the College’s stated mission, goals, and objectives. Accordingly, the leadership of NYUCD, just as that of any educational institution, must understand the importance of mentorship; embrace the obligation to serve as mentors; and actively provide appropriate mentoring opportunities to enable all members of the academic community to develop professionally. At NYUCD, we have a very strong cadre of administrators and support staff, but we have a responsibility to support them in becoming even better.

My commitment to mentoring administrators and staff is a response to the positive mentoring I have experienced personally. So before turning to NYUCD’s mentoring plan for administrators and staff, let me take just a moment to talk about the three formative mentors I have been privileged to know over the course of my 35-year professional career.

When I was fresh out of college and with no role model at that point in my life, James Scalfaro, Deputy City Clerk for New York City, provided me with the opportunity to work in a professional environment. I had no office experience or etiquette at all. He took me under his wing for several years, even after I moved into another department within the City of New York, and guided me through my transition from a street kid to a developing professional. He nurtured me and taught me how to be successful within the culture of a large
More important than the 12 graduate-level program credits I completed was the informal time we spent together in his office and occasionally over lunch, in which we would go over course content, review arbitration awards, and he would challenge me to be a critical thinker and better writer.

bureaucratic, public organization. Under his mentorship, I learned how to work with a diverse group of people; understand and resolve conflict; manage competing demands and priorities; and negotiate and make solid financial decisions. Jim taught me how the NYC Budget Office operated and how decisions were made: some politically, some economically, some socially.

Five years into my professional career and after receiving my MPA, I had the incredible opportunity to work under the guidance and direction of another superb mentor, Professor Matthew Kelly, renowned Arbitrator/Mediator and Director of the Cornell University New York State Industrial and Labor Relations Program in NYC. Matt was a very well-respected “neutral,” who opened the world of labor relations, labor law, and conflict resolution to me.

Matt advised me that, in addition to performing my duties as Administrative Manager at the NYSSLR Metropolitan Office, I should also be trained both formally and informally in the field of collective bargaining and arbitration. Matt encouraged me to pursue a new graduate certificate program being offered by Cornell University. More important than the 12 graduate-level program credits I completed was the informal time we spent together in his office and occasionally over lunch, in which we would go over course content and review arbitration awards, and he would challenge me to be a critical thinker and better writer.
After the two years of formal training, Matt took me on the road with him, sitting in on Arbitrations, engaging as a Mediator in certain potential labor strike situations, and having me write and edit Arbitration Awards. Matt’s mentoring opened up doors for me that I never knew existed and created a pathway which enabled me to grow professionally and have multiple options. His mentoring skills were truly outstanding and he is the mentoring model I have tried to emulate throughout my career.

My third formative mentor, Robert J. Weiss, MD, was the first Dean to whom I reported directly. Bob provided me with a framework for understanding life in a complex academic health center, including the importance of balancing the needs of academic, research, and student constituencies with the mission, goals, and vision of the organization.

During the five years that Dr. Weiss served as Dean of the Columbia University School of Public Health, I was his Assistant Dean for Finance and Administration. Each day, Dr. Weiss would devote one hour at minimum to sitting with me and going over the events of the last 24 hours. It was in this setting that we would set goals and strategies, review alternative approaches to policy decisions, and outline steps for implementation. His wisdom, creativity, and compassion have had an incredible impact on my life. He encouraged me to teach as well as to pursue my doctoral degree. He was patient, understanding, and caring. After being colleagues and friends for 27 years, I still rely on Bob—who is approaching his 90th birthday—for counsel and advice on both professional and personal issues.

Because I benefited so greatly from my relationships with these three wonderful mentors, I have a deep understanding of and appreciation for the value of mentoring. Accordingly, as a Professor of Health Policy and Management for over 25 years, I have mentored scores of students, some of whom have become professional colleagues and friends. I have enjoyed this role enormously and take pride in the accomplishments of many of my former students, as I do in the achievements of the very diverse group of non-students I have known as a result of working in an academic health
In 2005, NYUCD received a $26.7 million award from the National Institute of Dental and Craniofacial Research, part of NIH, to establish a regional practice-based research network (PBRN), the PEARL (Practitioners Engaged in Applied Research and Learning) Network. The PEARL Network links dental offices in research projects in order to bring greater scientific rigor to “everyday” issues in the practice and delivery of oral health care. It’s notable that only one year into the process of enrolling patients in clinical studies, the PEARL Network’s enrollment rate is much higher than the enrollment rate one typically finds in medical PBRNs. Below is an update on current PEARL studies.

THE PEARL EXECUTIVE MANAGEMENT TEAM
Jonathan A. Ship, DMD; Ronald G. Craig, DMD, PhD;
Frederick A. Curro, DMD, PhD; Van P. Thompson, DDS, PhD
Postoperative Hypersensitivity

**Study overview:** Postoperative hypersensitivity has been associated with the placement of resin-bonded composite restorations, but little has been published on the incidence and severity of postoperative hypersensitivity after placement of this common restoration. This study aims to determine (1) the incidence and severity of postoperative hypersensitivity in patients who receive class I resin-bonded composite restorations; (2) the relationship among restoration depth/width, dentin caries activity, lining and bonding materials, and techniques on postoperative hypersensitivity; and (3) the subject’s perceived quality of life after placement of a resin-bonded composite restoration.

**Study enrollment:** As of November 1, 2007, 334 teeth out of a targeted 500 have been enrolled. This is 67 percent of the enrollment goal.

**Findings to date:** It appears that postoperative hypersensitivity to resin-bonded composite is more prevalent than the profession had believed. The enrollment of additional subjects is essential to determine whether this trend continues.

Complete Versus Partial Removal of Deep Caries: A Comparison of Treatment Outcomes

**Study overview:** During the excavation of deep caries, a common question arises as to whether it is preferable to remove all carious dentin and risk pulpal exposure or to leave carious dentin in close proximity to the pulp and seal the lesion using a dentin-bonded restoration. In the PEARL Deep Caries Survey, 80 percent of PEARL practitioners responded that they routinely remove all carious dentin while 20 percent responded that they partially remove deep caries. This study is designed to (1) compare pulp vitality one year after complete versus partial caries removal in deep class I carious lesions, (2) determine the effect of the two deep caries treatments on postoperative hypersensitivity and quality of life, and (3) evaluate lining and bonding techniques for non-vital outcomes.

**Study enrollment:** As of November 1, 2007, nine teeth in nine subjects have been enrolled, of a target enrollment of 560 teeth.

Endodontic Outcomes in General Practice

**Study overview:** The majority of non-vital teeth are treated endodontically in general practices, but the majority of studies on success rates of endodontic therapy have been conducted in specialty practices or in academic centers. In view of the increasingly common clinical question of whether the placement of a dental implant has a better long-term prognosis than conventional endodontic therapy, this study will determine the three- and five-year outcomes and risk factors associated with success and failure of endodontically treated, non-vital teeth in general dental practices.

**Study enrollment:** As of November 1, 2007, 349 subjects have been enrolled. Target enrollment is 2,500.

Osteonecrosis of the Jaw

**Study overview:** Osteonecrosis of the jaw (ONJ) is a recently described condition characterized by prolonged exposure of bone in the mandible or maxilla usually in association with the administration of bisphosphonates used in the treatment of osteoporosis, hypercalcemia of malignancy, and several diseases of bone, including Paget’s disease. This study will recruit patients with ONJ and matched controls using the three NIDCR-supported Practice Based Research Networks to determine the risk factors for development of ONJ. The targeted enrollment is 60 cases.

For more information on the PEARL Network, or if you are a practicing dentist and interested in joining PEARL, please visit www.pearlnetwork.org
Identifying a Method for Predicting the Clinical Performance of Ceramic Crowns

Multi-cyclic loading in water—a test measuring how many chewing-like cycles of force a crown can withstand before it fractures—is the most reliable guide for assessing the long-term durability of all-ceramic posterior crowns, according to Dr. Dianne Rekow, Professor and Chair of the Department of Basic Science & Craniofacial Biology and Special Advisor to the President and the Provost on Engineering at NYU, and Dr. Van Thompson, Professor and Chair of the Department of Biomaterials & Biomimetics. Dr. Rekow and Dr. Thompson are the co-principal investigators on a 10-year, $10 million, NIH-funded study of zirconia and alumina crowns and esthetic porcelain veneers that is scheduled to conclude in spring 2008.

The test closely simulates the oral environment in which a posterior crown is placed by submerging the ceramic in water and repeatedly contacting it with a ball about the size of a biting tooth. The crown chips or fractures occur when the cracks caused by this process grow or join together.

Dr. Rekow is urging dental crown manufacturers to adopt the test and to make the results available to dental practitioners, through such mechanisms as product packaging or product inserts.

In the final phase of their study, Drs. Rekow and Thompson are overseeing multi-cyclic loading tests on ceramic configurations that closely resemble the actual complex shape of a crown.
Dental schools don’t traditionally teach first-year students the fundamentals of writing a scientific abstract. But last spring, NYUCD broke with tradition and introduced a new Honors in Research Course offering first-year students the opportunity to work with a faculty mentor to develop essential research skills.

The six-credit course is open to all first-year students in good academic standing and offers instruction in research principles, lab safety, and bioethics. Students select a mentor from among the clinical research, basic science, biomaterials, or epidemiology faculty and spend three to four hours a week working with their mentor on a research project selected by the student with her/his mentor’s approval. At the close of the spring semester, students receive a $2,500 Dean’s Award to help them complete the project within the context of NYUCD’s summer research training program.

“One of our goals is to familiarize students with research so that they will be able to evaluate new findings and apply them to patient care,” said the course director, Dr. Kathleen C. Kinnally, Professor and Associate Chair of Basic Science & Craniofacial Biology. “At the same time, we educate students about research as a career option, pointing out, for example, that there is a great demand for faculty who can conduct research as well as teach at academic dental centers. We hope that by our nurturing an interest in research early in their professional studies, more dental students will choose research careers.”

Fifty-eight students from colleges and high schools in the United States, Puerto Rico, and Europe participated in NYUCD’s 2007 Summer Student Research Training Program, an increase of 24 students over the 2006 summer enrollment, and more than 11 times the number who participated when the program was launched in 2003.

The 2008 group included 36 students from NYUCD and four from the College of Nursing, marking the first time that NYUCN was represented, according to Program Director Dr. Kathleen C. Kinnally, Professor and Associate Chair of the Department of Basic Science & Craniofacial Biology.
Dr. Cosmo V. DeSteno Appointed Associate Dean for Clinical Affairs

Dr. Cosmo V. DeSteno, formerly Associate Dean for Extramural Affairs at the University of Medicine and Dentistry–New Jersey Dental School, has been named Associate Dean for Clinical Affairs, effective December 1, 2007. Dr. DeSteno succeeds Dr. Francis V. Panno, who is retiring as a Professor Emeritus of Prosthodontics after five years as Associate Dean for Clinical Affairs and nearly 30 years at NYUCD in positions that for many years included Professor and Chairman of the Department of Prosthodontics. Look for a tribute to Dr. Panno in the spring 2008 issue of Global Health Nexus.

Prior to joining NYUCD, Dr. DeSteno also served UMNDJ–New Jersey Dental School as Vice Dean, Associate Dean for Clinical Affairs, Associate Dean for Interdisciplinary and Extramural Programs, and Professor of Restorative Dentistry. A Diplomate of the American Board of Prosthodontics, Dr. DeSteno holds a DMD degree from the New Jersey College of Dentistry and a PhD in physiology from the University of Alabama in Birmingham.

In his new role at NYUCD, Dr. DeSteno will oversee the College’s clinical care program, the largest program of its type in the world.

“I am delighted that Cosmo DeSteno is my first major administrative appointment as Dean,” said Dean Bertolami. “In addition to bringing valuable, closely related experience in a similar academic, research, and patient-care environment, Cosmo also brings great vision, compassion, and creativity to his new position. One could not ask for a better successor to Frank Panno, who has led the College’s clinical affairs operation through a period of substantial growth over the past five years. We express sincere thanks and all good wishes for future happiness to Frank and warmly welcome Cosmo to our community.”
Dr. Lisa R. Biagas Appointed Senior Director for Human Resources Management

Dr. Lisa R. Biagas, an expert in building relationships with various groups, including faculty, has been named Senior Director for Human Resources Management for the Colleges of Dentistry and Nursing. Dr. Biagas succeeds Ms. Tamu al-Islam, who has assumed the position of Senior Director in the Office of the President of New York University. Dr. Biagas’s primary responsibilities include leading and implementing strategic organizational development initiatives for the Colleges; directing recruitment/appointment for all faculty and staff; determining administrative job requirements; ensuring implementation of affirmative searches; interviewing and recommending candidates for senior-level positions; and overseeing administration of the College of Dentistry compensation budget for faculty, students, staff, and administrators.

Dr. Biagas comes to NYUCD from the New Jersey Institute of Technology, where she served as Assistant Vice President of Human Resources. Prior to that, she held several positions at Princeton University, including Director of Organizational Effectiveness, Director of Management Development, and Human Resources Manager.

Dr. Biagas holds a doctoral degree in higher education management and an MS in organizational dynamics, both from the University of Pennsylvania; an MBA from Eastern University; and specialty training certificates in leadership, diversity, and project management, among other areas.
Dr. Donna Shelley has joined the NYUCD/NYUCN community as Director of Innovative Healthcare Delivery Programs, a newly created position that is responsible for designing and implementing new paradigms for healthcare delivery systems and for obtaining funding to model and evaluate such systems in order to influence healthcare nationally and internationally.

As Director, Dr. Shelley will lead a diverse group of individuals from the NYU College of Dentistry and its allied College of Nursing, as well as healthcare professionals and policy planners from other schools within New York University and elsewhere, to develop healthcare environments that expand patients’ access to healthcare and improve the overall quality of healthcare. Dr. Shelley has also been appointed an Assistant Professor of Cariology & Comprehensive Care.

Dr. Shelley comes to NYUCD from the Mailman School of Public Health at Columbia University, where she has been an Assistant Professor of Public Health since 2002. Previous positions have included Director of the Tobacco Control Program at the New York City Department of Health, Medical Director of Women’s Health Management Solutions, Instructor at the Mount Sinai School of Medicine and Internist with the Mount Sinai Women’s Health Program, clinician with the Greenwich House Primary Care Initiative, and Senior Medical Editor for Lifetime Medical Television.

Dr. Shelley holds an MD degree from the Mount Sinai School of Medicine and an MPH degree from Columbia University’s Mailman School of Public Health.
**DR. A. ALPER COMUT**, formerly an Assistant Professor of Prosthodontics and Operative Dentistry at Tufts University School of Dental Medicine, has been appointed a Clinical Assistant Professor of Prosthodontics. Dr. Comut holds a DDS degree from the Istanbul University School of Dental Medicine; a DMD degree from Tufts University School of Dental Medicine; and a DMedSc degree in oral biology and certificate in prosthodontics, both from the Harvard University School of Dental Medicine.

**DR. PHILIP H. ARTEMBERG**, ’87, has been appointed a Full-Time Clinical Assistant Professor of Oral & Maxillofacial Surgery. Dr. Artenberg earned an MS in human anatomy from NYU’s Graduate School of Arts & Science, completed a general practice residency at the Bellevue Hospital Center in New York, and earned a certificate in oral and maxillofacial surgery from the Metropolitan Hospital Center in New York.

**DR. ZOYA B. KURAGO**, formerly an Assistant Professor of Oral Pathology, Radiology & Medicine at the University of Iowa College of Dentistry, and an Assistant Professor of Pathology at the University of Iowa College of Medicine, has been appointed an Assistant Professor of Oral & Maxillofacial Pathology, Radiology & Medicine. Dr. Kurago holds a Doctor of Stomatology degree from the Minsk State Medical Institute of Stomatology in Minsk, Belarus; a DDS degree from the University of North Carolina at Chapel Hill School of Dentistry; a PhD in pathology and immunology from the University of Iowa College of Medicine; and a certificate in oral and maxillofacial pathology from the University of Iowa College of Dentistry.
**Ms. Li Ruan**, formerly Assistant Director for Doctoral and International Graduate Admissions at NYU’s Steinhardt School of Education, has been appointed Assistant Director of International Programs. Ms. Ruan, who has also served as Associate Director of Recruitment at Brooklyn College, holds a master’s degree in adult and community education from East Carolina University and a Bachelor of Laws degree from Beijing University in China.

**Dr. Deepak Saxena** has been appointed a Full-Time Assistant Professor of Basic Science & Craniofacial Biology. Dr. Saxena earned an MS degree and a PhD in microbiology from MS University in Baroda, India, and a diploma in business management from Narsee Monjee Institute of Management Studies in Mumbai, India.

**Dr. Gene B. Sherwin, ’76**, has been appointed a Full-Time Clinical Assistant Professor of Cariology & Comprehensive Care. Dr. Sherwin was in private practice in New Jersey from 1985 to 2005.
DR. SEIICHI YAMANO has been appointed an Assistant Professor of Prosthodontics. Dr. Yamano was formerly a Research Fellow in Advanced Graduate Prosthodontics at the Harvard University School of Dental Medicine, a Research Fellow in the Gene Therapy and Therapeutics Branch of the National Institute of Dental & Craniofacial Research (NIDCR), and an Instructor and Clinical Fellow in Oral & Maxillofacial Surgery at Tokyo Medical University in Japan. Dr. Yamano holds a DDS degree from Nihon University School of Dentistry in Tokyo; a DMD degree from the University of Pennsylvania School of Dental Medicine; a PhD in immunology and microbiology from Tokyo Medical University, and an MMedSc in oral biology and certificate in prosthodontics, both from the Harvard University School of Dental Medicine.

DR. BRUCE A. BRANDOLIN, ’84, has been appointed a Full-Time Clinical Assistant Professor of Cariology & Comprehensive Care. Dr. Brandolin completed his general practice residency at Albert Einstein College of Medicine–Bronx Municipal Hospital Center.
**Promoting our Own**

**DR. KATHLEEN C. KINNALLY,** Professor of Basic Science and Craniofacial Biology, has been appointed Associate Chair of Basic Science & Craniofacial Biology. In her new position, Dr. Kinnally will help to advance the department’s momentum and will oversee operations on a day-to-day basis. She will work closely with Dr. Dianne Rekow, Professor and Chair of the department, who was recently appointed as Special Advisor to the President and the Provost of NYU on Engineering. (See related story on page 82).

**DR. JOHN S. EVANS,** formerly an Associate Professor of Basic Science and Craniofacial Biology and of Chemistry, has been promoted to Professor of Basic Science & Craniofacial Biology and of Chemistry. Dr. Evans’s research on the molecular structure of materials formed when proteins bind to inorganic atoms is yielding clues that could aid in the development of a new generation of stronger materials for applications ranging from consumer goods to industrial, dental, and medical devices.

**DR. GUSTAVO D. CRUZ,** formerly an Assistant Professor of Epidemiology & Health Promotion, has been promoted to Associate Professor of Epidemiology & Health Promotion. Dr. Cruz also directs the DDS-MPH Program in Global Public Health. Dr. Cruz’s research focuses on oral health disparities, predispositions to oral infections based on ethnicity and country of origin, and smoking cessation.
DR. GARY S. BERKOWITZ, formerly a Clinical Assistant Professor of Cariology & Comprehensive Care, has been promoted to Clinical Associate Professor of Cariology & Comprehensive Care. Dr. Berkowitz mentors third- and fourth-year students and oversees their case presentations.

DR. CRISTINA TEIXEIRA, formerly an Assistant Professor of Orthodontics and of Basic Science & Craniofacial Biology, has been promoted to Associate Professor of Orthodontics and of Basic Science and Craniofacial Biology. Dr. Teixeira’s research focuses on the mechanisms that signal cartilage cells to grow bone.

DR. MARTINE MANDRACCHIA, formerly a Clinical Assistant Professor of Cariology & Comprehensive Care, has been promoted to Clinical Associate Professor of Cariology & Comprehensive Care. Dr. Mandracchia specializes in aesthetic dentistry techniques.

MS. HELEN SAMUELS, formerly a Senior Clinical Aide in the Ashman Department of Periodontology & Implant Dentistry, has been promoted to Clinic Manager. Her responsibilities include scheduling, inventory control, and budgeting.

MR. TYKIEYEN MOORE, formerly Director of Patient Accounts, has been promoted to Director of Financial Management and Business. Mr. Moore’s promotion reflects the broader responsibilities he has assumed as a result of the merger of the Patient Accounting and Business Offices. In his new position, Mr. Moore will focus primarily on clinical financial management issues.
During a 10-day outreach mission in August to the southwestern Tanzanian town of Songea, a team of 10 NYUCD faculty, students, and alumni, including one pediatric resident and two pediatric faculty, implemented a preventive program of oral health education, fluoride varnishes, and sealants for 237 local schoolchildren, in addition to providing extractions and restorations for nearly 200 adults, totaling 1,300 treatments in all.

The August trip marks the first time that the team has included a pediatric component, thereby expanding the care that NYUCD, in partnership with Miracle Corners of the World (MCW), a community development group, has been providing since 2001. A Tanzanian dental assistant will reapply the fluoride varnish at three-month intervals and will also provide...
oral health instruction to the children. When the team returns to Songea next August, they will evaluate the children’s oral health to assess the program’s success.

“In areas with little or no regular access to dental care, sealants and fluoride varnishes are our best hope for keeping kids caries-free,” said Dr. Amr Moursi, Associate Professor and Chair of the Department of Pediatric Dentistry, who oversaw the pediatric program.

A preventive pediatric oral health program modeled on the one in Tanzania will be included in an NYUCD outreach mission planned for February 2008, to a remote area in Alaska, said Ms. Lauren Meyers, Assistant Director in the Office of the Associate Dean for International Programs and Development, and Program Director for the Tanzanian mission.

Dr. Miriam Robbins, Clinical Associate Professor and Associate Chair of the Department of Oral & Maxillofacial Pathology, Radiology & Medicine, served as the mission’s Clinical Director. As in the past, Henry Schein, Inc., generously donated equipment and supplies.

All photos were taken by Ms. Meyers and posted on an outreach program Web site (www.phanfare.com) created by Dr. Richard Weledniger, Clinical Assistant Professor of Cariology & Comprehensive Care, to enable the outreach team and the US-based NYUCD community to view the volunteers’ efforts as they were happening daily.
Uganda Outreach for NYUCD Professor

Last June, Dr. Gene Sherwin, a Clinical Assistant Professor of Cariology & Comprehensive Care, traveled to Uganda as part of an outreach mission sponsored by Sylvia’s Children, a charity dedicated to assisting youngsters attending the Mbriizi Primary School in Mbriizi, a medically underserved area in Uganda that has been especially hard hit by the AIDS epidemic. Of the 600-plus children who attend the school, several hundred have been left orphaned by the epidemic.
Malaria, encephalitis, measles, mumps, polio, and whooping cough are also very prevalent diseases, while medical care and vaccines are scarce.

Dr. Sherwin provided dental screenings, toothbrushes, toothpaste, floss, and oral hygiene demonstrations to 400 children ranging in age from four to 16.

As part of NYUCD’s contract with the Virgin Islands Department of Health and Lutheran Social Services Early Head Start Programs to conduct free oral examinations every six months for youngsters enrolled in the program, a team of pediatric residents and faculty returned to St. Thomas and St. Croix for five days in October to provide 500 examinations. The program is supported by a grant from the American Dental Association Foundation’s (ADAF) Samuel Harris Fund.
International Alumni Expand NYUCD’s Global Impact

Graduates of the Advanced Programs for International Dentists play a unique role in advancing NYUCD’s quest to become the dental institution with the greatest impact globally on the health of society. In this issue of Global Health Nexus, we profile five extraordinary graduates of the Advanced Program in Orthodontics for International Dentists and the impact they are having on global health and the dental profession. The five, who have roots in Argentina, Italy, Korea, Singapore, and Venezuela, were selected by Dr. Mladen Kuftinec, Director of the Advanced Program in Orthodontics. Says Dr. Kuftinec, “It wasn’t easy to select only five outstanding graduates, but I feel that this group exemplifies some of the most notable qualities of our international alumni as a whole. They are dedicated, consummate professionals, who are also extremely caring individuals.”

Dr. Wanda Haluza

Shortly after earning her dental degree in Buenos Aires, Argentina, in 1992, Dr. Haluza enrolled in NYUCD’s International Program in Orthodontics. Because she performed so outstandingly, she was invited to continue at the College as a Clinical Fellow in Orthodontics and then to enroll in the Advanced Education Program in Orthodontics, from which she graduated in 1996, subsequently becoming a Diplomate of the American Board of Orthodontics.

In 1998, Dr. Haluza, her husband, and their young daughter, returned to Buenos Aires, where she opened a private practice specializing in orthodontics. Within a short time, news of her knowledge and skills spread, and she was recruited to become an Assistant Professor of Orthodontics at the University of Buenos Aires College of Dentistry. Since 1999, she has also been actively involved with organized dentistry in Buenos Aires and has lectured at numerous national and international meetings on topics including management of impacted canines, indirect bonding, and use of Essex retainers.

Recently, Dr. Haluza returned to NYUCD to visit and to expand her knowledge of surgical techniques. “Where else,” she asks, “would I go, but to my second home where my professors and mentors guided me on the path to the success that I enjoy today?”
Dr. Catherine Lee

A native of Malaysia, Dr. Lee earned her dental degree in Australia before coming to New York for specialty training in orthodontics at NYU, followed by a fellowship at the NYU Medical School’s Institute of Plastic and Reconstructive Surgery. Today, she lives in Singapore, where she conducts two unique and highly successful orthodontic practices, in Singapore and in Kuala Lumpur, the capital of Malaysia. Both practices provide care for healthy children as well as those with cleft-craniofacial conditions. Dr. Lee is also a consulting specialist in the area of cleft-craniofacial management in the Department of Plastic Surgery at Singapore General Hospital. Dr. Lee holds the distinction of being the first dentist to work alongside physicians in Singapore’s oldest and most prestigious hospital.

Dr. Lee is also the Director and Team Leader for the Singapore International Cleft-Craniofacial Reconstruction Center, a Board member of the International Society of Craniofacial Orthodontics, and an outreach volunteer to Laos, Indonesia, and East Malaysia, where she works with surgical teams specializing in craniofacial surgery. She has been instrumental in establishing and providing training for a Nursery Assistance Program for cleft-palate infants in Java, Indonesia, and for a cleft-craniofacial unit for the underserved at Women’s and Children’s Hospital in Singapore.

Dr. Jae Hyun Park

Dr. Park was a triple threat even before coming to NYUCD to study orthodontics. He earned DMD, MSD, and PhD degrees at KyungHee University in Seoul, South Korea; had been a successful general practitioner there for eight years; and held the title of Assistant Professor at KyungHee University’s dental school.

At NYUCD, Dr. Park continued to distinguish himself, graduating at the top of his Advanced Program in Orthodontics Class in 2002, with the distinction of receiving the Dean’s Research Award. There followed an MS degree in biomaterials from NYU; a Master of Science Resident Research Award and Postgraduate Resident Research Award; graduation from NYUCD’s Postgraduate Program in Orthodontics; and first prize as NYUCD’s representative to the Orthodontic Resident Scholars Program at the annual meeting of the American Association of Orthodontists.

Today, Dr. Park is a managing orthodontist for one of the largest orthodontic practices in Phoenix, Arizona, and an orthodontics faculty member at the Arizona School of Dentistry and Oral Health.
Dr. Alberto Armenio

Dr. Armenio came to NYUCD in 1995 with a dental degree from the University of Bari in Italy. From 1997 to 1999, he was enrolled in the Advanced Program in Orthodontics for International Dentists, and also served as a Clinical Assistant and Teaching Fellow in Orthodontics. Back in Italy, he had attended the University of Naples from 2001 to 2005, earning formal specialty designation as an orthodontist.

Today, Dr. Armenio has a thriving orthodontics practice in Naples, Italy; he is on the faculty of the Department of Orthodontics at the University of Naples; he was awarded the National Association of Italian Dentists 2004 award for outstanding research; he has authored articles in national and international publications; he is an editorial referee for Progress in Orthodontics, the official journal of the Italian Association of Orthodontists, as well as editor of Ortho: The Italian Journal of Orthodontics; and he is a frequently invited speaker at major professional conferences. Dr. Armenio attributes his professional success to “working with the best people at the world’s best dental school, the NYU College of Dentistry.”

Dr. Jose Santiago Nuñez Machado

During Dr. Machado’s stay at NYUCD from 2002 to 2005, he evolved a plan that would allow him both to establish a profitable private practice and to bring much-needed orthodontic care to the underserved in his native Caracas, Venezuela, where only a handful of orthodontists are available to care for a population of nearly 30 million people.

“During my three years at NYUCD,” he says, “I learned hands-on management of a high volume practice, an experience that gave me a clear vision of how I could fulfill a lifelong dream: setting up a practice centered on orthodontics at competitive prices, while also providing access to this specialized area of care for the less fortunate and needy of Caracas.”

The result was the opening in 2005 of Centro Nacional de Ortodoncia (CNO), a unique, high-volume, multiservice practice providing as many as 400 patient visits per day. CNO includes 10 dental units devoted to orthodontics, four units to general dentistry, and two units to surgery. CNO also provides a continuing education program in orthodontics for practicing dentists.

“Just short of two years after opening our doors, CNO is filling a dire need in our community, while also becoming a profitable business venture,” he says. “I can hardly be more thankful to NYU,” he says, “for giving me this preparation for life in the area of my love and my expertise, orthodontics.”
International Programs to Hold First Global Alumni Reunion

NYUCD’s Office for International Programs will host its first Global Alumni Reunion at Villa La Pietra, NYU’s famed Center for Study Abroad in Florence, from May 8 to 11, 2008. The event will celebrate the achievements of International Programs alumni from more than 55 countries.

NYUCD offers nine Advanced Programs for International Dentists and has hundreds of alumni worldwide. Under the leadership of Ms. Dolores Spinelli, who assumed the position of Senior Director for International Programs in 2000, enrollment has grown from 45 students to classes approaching 100 students annually.

Dr. Stuart M. Hirsch, Associate Dean for International Programs and Development, said: “With such rapid growth in enrollment, we feel that the time is right for a reunion that will enable alumni from around the world to reconnect with one another.

“We expect that hundreds of alumni will be coming to La Pietra. In addition to receptions and other gatherings at which alumni can renew acquaintances and network, there will be exciting lectures taught by top specialists in their fields, as well as presentations by alumni. This event is a way for us to continue our relationship with international alumni and express gratitude to them for helping NYUCD to become the global oral health leader that it is today.”

The reunion agenda will include a welcoming cocktail reception on Thursday, May 8, and presentations on Friday, May 9, and Saturday, May 10, followed by a gala dinner on Saturday for alumni and their guests in the gardens of La Pietra, situated in the magnificent Tuscan hills. On Sunday, reunion attendees will have the opportunity to participate in a variety of activities, including a cooking class in Italian cuisine at the famous Apicius International School of Hospitality in Florence.

For additional information, please contact Koryn Kennedy, Office for International Programs Alumni Reunion, by telephone at 001212.998.9901; by fax at 001212.995.4240; or by e-mail at dental.ipreunion@nyu.edu.
Although it’s been over 20 years since Dr. Esther O. Kuyinu left her native Nigeria, she remains active in efforts to broaden access to oral healthcare in a country with staggering unmet needs. Dr. Kuyinu, a Clinical Associate Professor of Prosthodontics, travels frequently to Nigeria to help address the dual problems of a lack of dental equipment and inadequate access to care.

Two years ago, when she learned that NYUCD’s third- and fourth-floor general dentistry clinics were being renovated, she arranged for the College to donate 51 dental chairs and dozens of instruments to 16 public health clinics in Nigeria. She also secured an agreement from the Lagos State Ministry of Health, which operates most of the clinics that received the donations, to have the chairs used at least 70 percent of the time for free oral health screenings and treatment sponsored by the Kids Network, a Nigerian advocacy group.

“I’ve been blessed to come to the United States to specialize in prosthodontics, become a dental educator, and open a private practice. This is my way of giving back,” says Dr. Kuyinu, who earned a BDS degree from the University of Lagos School of Dentistry, an MS in prosthodontics from Georgetown University School of Dentistry, and a DDS degree from NYUCD.

“Although the concept of free oral health screenings and oral hygiene education has been largely unknown in many parts of Africa until now, our strategy is being well received. I hope that other institutions will follow NYUCD’s example and come forward to donate equipment and supplies needed to facilitate free screenings and treatment on a wider scale.”

Dr. Kuyinu wishes to thank the following for their assistance:
Dr. Michael C. Alfano, Executive Vice President of NYU; Dr. Richard I. Vogel, Executive Vice Dean; Dr. Francis V. Panno, former Associate Dean for Clinical Affairs; Ms. Susan Abraham, Director of Administration; Dr. Bukola Ogunkua and The Eastern Pennsylvania Conference of the United Methodist Church, in partnership with Conshohocken United Methodist Church; Dr. Gbenga Ogunlewe and Dr. Kofo Savage, coleaders of Kids Network; Dr. Nurudeen Olowopopo, Association of Nigerian Physicians in the Americas; and Dr. Jide Idris, Lagos State Health Commissioner.
Although China has liberalized regulations on overseas study, enabling tens of thousands of college students to travel abroad annually, the process of getting accepted into an overseas program remains complex.

Dr. Yihong Li, an Associate Professor of Basic Science & Craniofacial Biology and Director of International Research, has made it a priority to ease the way for mainland Chinese students to come to NYUCD, and she has succeeded, as demonstrated by the enrollment in September 2007 of four students from mainland China, the first-ever mainland Chinese students to enroll at NYUCD directly from China.

A native of Beijing who came to the United States 17 years ago to pursue a doctoral degree in public health at the University of Alabama at Birmingham, Dr. Li has a keen understanding of the workings of higher education in China, as well as an extensive network of academic contacts assembled during her frequent visits home.

Earlier this year, when the Chinese government announced that it would fund two years of overseas study for 1,500 PhD candidates in oral biology from top Chinese universities, deans from several Chinese dental schools contacted Dr. Li for help in matching their PhD students with research programs at U.S. dental schools.

Dr. Li helped to arrange for two students currently enrolled in PhD programs in China to spend the next two years working with her NYUCD colleague, Dr. Page Caufield, Professor of Cariology & Comprehensive Care, on the genetic profiling of oral bacteria.

Dr. Li also helped facilitate the enrollment of two dentists from Beijing and Chengdu in the Advanced Programs for International Dentists in Comprehensive Dentistry and in Implant Dentistry. Noting that NYU and Peking* University recently forged a memorandum of understanding to develop faculty and student exchange programs in graduate and professional fields of study, Dr. Li said she hopes that NYUCD students will eventually have the opportunity to train in a Chinese dental school.

“Today, educators in both China and the United States share the view that a global experience is an indispensable part of a student’s training,” says Dr. Li. “That is certainly the view of NYU President John Sexton, who envisions NYU becoming a ‘global network university,’ anchored in New York City, but with nodes of the network throughout the world. It is a vision that NYUCD strongly supports and seeks to help make a reality.”

*Although “Beijing” is the standard way of referring to China’s capital city, “Peking University” is the official name of the school.
$6.2 Million NIH Grant Awarded to Dr. Dan Malamud for HIV Research

Dr. Daniel Malamud, a Professor of Basic Science & Craniofacial Biology at NYUCD, has been awarded a five-year, $6.2 million grant from the National Institute of Dental & Craniofacial Research (NIDCR) of the National Institutes of Health (NIH) to head up a research collective consisting of four interrelated research projects, along with Administrative/Biostatistical and Clinical Core components. The collective's overall goal is to define the interactions between host defense molecules and bacteria in HIV infection and subsequent antiretroviral therapy.

The collective consists of teams from NYUCD, New York University School of Medicine (NYUSOM), and the Aaron Diamond AIDS Research Center (ADARC). Dr. Malamud has assembled a talented group of investigators—all located within a few blocks of each other on First Avenue in New York City.

“"The study is an intriguing one," notes Dr. Malamud. “"We are going to recruit a population of people who are HIV-infected but are drug naïve, so they haven't even been put on treatment yet. New York City is probably one of the few places in the country where the study could be done.”

The entire proposal utilizes the same case-controlled study population consisting of 85 HIV+, HARRT—highly aggressive antiretroviral therapy—naïve subjects who will subsequently begin antiretroviral therapy. There will also be a similar cohort of HIV- subjects. The clinical core will obtain oral and GI samples, monitor patient progress, carry out complete oral health examinations, and maintain all subject records.
“We’re going to take a variety of samples from the subjects, and then we are going to put the HIV+ subjects on drug treatment for two to three years,” said Dr. Malamud. “We want to see how various parameters throughout the GI tract are affected by HIV infection and then by the subsequent control of HIV through a cocktail of drugs, known as HAART.”

The first of the research collective’s four projects, “Project 1,” headed by Dr. Linqi Zhang, of the ADARC, will determine the whole saliva proteome comparing HIV–, HIV+/HAART naïve, and HIV+ post-HAART samples. Dr. Zhang’s studies will focus on soluble molecules that are part of the innate host defense system.

“Dr. Malamud is a well-recognized HIV expert in the dental science field,” said Dr. Zhang. “When I learned that Dr. Malamud was coming to NYU, I had the opportunity to show him my lab at ADARC where we have been very interested in HIV infection in mucosal settings, in particular the oral cavity and the GI tract. With this study, we will be able to compare bacterial and viral factors in these two distinct environments—in the same host—so we can better understand the disease and help to design better anti-HIV drugs and vaccines.”

“Project 2,” headed by Dr. Yihong Li, Associate Professor of Basic Science & Craniofacial Biology at NYUCD, will define the oral microbiota in HIV– vs. HIV+ saliva samples, and HIV+ before and after HAART. Dr. Li’s studies will focus on overall microbial diversity, and quantitation of bacteria that are altered after HIV infection and/or related to caries and periodontal disease.

“We will collect samples from multiple sites from the same individual,” said Dr. Li, “which will enable us simultaneously to compare the bacteriological composition, in order to make inferences about shifts in the ecological balance of the microbial community. To date, no such study has been done or reported in the literature.”

“Project 3,” headed by Dr. Michael Poles, NYUSOM, will study the remainder of the GI tract using endoscopy to obtain fluid and biopsy samples. Dr. Poles’s study will focus on innate immune mediators and GI microbes, and his data compared to the findings of Projects 1 and 2.

“This collaboration dovetails beautifully with my research interests,” said Dr. Poles. “I am most excited to be working with such an amazing PI as Dr. Malamud and the amazing cadre of investigators he has assembled. I expect that this project will yield an enormous amount of vital information about HIV pathogenesis and mucosal immunology.”

“Project 4,” headed by Dr. Malamud, will study antibacterial and antiviral activities in saliva, focusing on the innate host defense system. In addition, Dr. Malamud will determine the ability to infect buccal vs. rectal tissue in vitro, and compare the HIV-1 variants obtained from oral, GI, and blood. The Administrative/Biostatistical Core, led by Dr. Robert Norman, Research Associate Professor of Epidemiology & Health Promotion, will oversee the entire study via an Executive Committee and an External Advisory Committee. All data and statistical analyses will be handled by this core.

“The study is an intriguing one,” notes Dr. Malamud. “We are going to recruit a population of people who are HIV-infected but are drug naïve, so they haven’t even been put on treatment yet. New York City is probably one of the few places in the country where the study could be done.”
Edward Fox Donates $5 Million to NYU College of Dentistry to Establish the Herman Robert Fox Deanship

A $5 million gift from Edward Fox has created the Herman Robert Fox Deanship at the NYU College of Dentistry in memory of Mr. Fox’s father, Dr. Herman Robert Fox, Class of 1926. This is only the second endowed deanship at a dental school in the United States.

“This magnificent gift comes at a propitious moment,” said Dr. Richard I. Vogel, former Interim Dean of the College. “In addition to paying tribute to his father’s memory in an especially meaningful way, Mr. Fox’s gift testifies to his confidence in the College’s ability to build on the major accomplishments sustained over the past several years and in the College’s future under the leadership of Dr. Charles N. Bertolami, who became the Herman Robert Fox Dean on September 1. This gift will accelerate NYUCD’s momentum toward becoming the dental institution with the greatest impact globally on the health of society. We thank Mr. Fox for his tremendous generosity.”

Edward Fox received an MBA degree from NYU’s Stern School of Business. He was formerly Dean of the Amos Tuck School of Business at Dartmouth College and Chairman of SLM Corp (Sallie Mae), the Student Loan Marketing Association. He currently serves as Chairman of the Board of the American Ballet Theatre.

“I have been uniformly impressed with the progress and quality of NYUCD in recent years,” said Mr. Fox, “and I’m excited by its prospects for the future. When I made the decision to honor my father’s memory, and spoke to my mother about her wishes, we agreed that it was altogether appropriate that my father’s name be linked with his alma mater. It is our hope that this gift will provide the resources to enable NYUCD to become extraordinary.”
A team of researchers from the NYU College of Dentistry (NYUCD) and the NYU School of Medicine (NYUSOM) are partnering with the University of Medicine and Dentistry of New Jersey (UMDNJ) on a major NIH grant to fund the most comprehensive study to date on the underlying causes of temporomandibular disorder, or TMD, a condition characterized by jaw and face pain that often radiates to the neck and shoulders and affects up to 10 percent of adults.

UMDNJ received a five-year, $3.1 million award from the National Institute of Dental and Craniofacial Research, part of NIH, to lead the study under principal investigator Dr. Karen Raphael, an Associate Professor and Director of Research in the Department of Psychiatry at New Jersey Medical School and an Associate Professor of Diagnostic Sciences at New Jersey Dental School.

NYU College of Dentistry, a subcontractor on the grant, received $740,000 to recruit the subjects for the study. The principal investigator for the NYUCD portion of the study, Dr. David Sirois, is an Associate Professor of Oral and Maxillofacial Pathology, Radiology & Medicine and Associate Dean for Graduate Programs. For the controlled study, Dr. Sirois will recruit 120 subjects with TMD and 60 without the disorder from NYUCD’s clinic patient population.

NYU School of Medicine, the other subcontractor on the grant, received $845,000 to observe the subjects in its Sleep Disorders Center. “There is a widespread belief that bruxism (teeth grinding and clenching)—especially while sleeping—causes TMD,” said NYUSOM’s principal investigator, Dr. Ana Krieger, the Center’s Director and an Associate Professor of Medicine. “We will use a variety of measures to assess if bruxism actually leads to TMD,”

said Dr. Krieger, “including videotaping patients as they sleep and taking electromyographs, or electrical recordings of their muscle activity.”

Added Dr. Sirois, “This will be the first study to simultaneously examine TMD patients for bruxism, stress responsiveness, and central sensitization with a wide-ranging series of physiological, psychological, and sleep measurements.”
NYU College of Nursing’s Dean Dr. Terry Fulmer and coinvestigators Dr. Sheryl Strasser, Adjunct Assistant Professor of Research at NYUCN and of Epidemiology & Health Promotion at NYUCD, and Dr. Stefanie Russell, Assistant Professor of Epidemiology & Health Promotion at NYUCD, have received a two-year, $346,569 grant from the National Institute of Aging to study elder mistreatment (EM).

In the study, “Primary Care Clinics for Estimating the Prevalence and Incidence of Elder Mistreatment,” researchers will conduct screenings for elder mistreatment among 982 older adults who visit their doctors at five primary care clinics. The aim is to estimate the prevalence of elder mistreatment in a large urban sample of community-dwelling elderly persons; estimate the six-month incidence of elder mistreatment among these patients; and compare a standardized, valid, reliable instrument used for screening for elder abuse with a newly developed instrument.

Elder mistreatment is a potentially fatal public health problem that causes human suffering and preventable morbidity and mortality. Infected pressure ulcers, urine burns, fractures, depression, and death can result from EM.
Although zirconia all-ceramic crowns and bridges are more aesthetically pleasing than those made from metal, an estimated 10 percent of zirconia restorations develop fractures within the first three years.

Dr. Yu Zhang, an Assistant Professor of Biomaterials & Biomimetics, believes that reformulating zirconia as a glass-ceramic composite will increase its fracture resistance. Dr. Zhang was recently awarded a three-year, $1.2 million grant by the National Institute of Dental and Craniofacial Research (NIDCR) at the NIH to test his hypothesis.

The new composite will have a predominantly glass surface with underlying layers that gradually become more densely packed with ceramic. “A composite with glass-rich surfaces will be less susceptible to top-to-bottom fractures from direct contact with hard food as well as to ruptures that occur when the bottom of the restoration buckles under pressure,” predicts Dr. Zhang, who joined NYUCD two years ago after working as a materials scientist at NIST, the Maryland-based National Institute of Standards and Technology.

The study is an outgrowth of research conducted by Dr. Zhang at NIST, where he was a coinvestigator on a $5.9 million NIH grant. Led by Dr. Van Thompson, Professor and Chair of the Department of Biomaterials & Biomimetics, and Dr. Dianne Rekow, Professor and Chair of the Department of Basic Science & Craniofacial Biology and Special Advisor to the President and the Provost on Engineering at NYU, the grant examined the causes of ceramic fractures. Dr. Thompson and Dr. Brian Lawn, an NIST Fellow, are coinvestigators on the new grant.

According to Dr. Zhang, fracture risk will also be reduced because glass-rich surfaces can be bonded with conventional etching, a less invasive process than sandblasting, which bombards all-ceramic surfaces with hard particles.

A glass-ceramic composite restoration offers aesthetics comparable to a porcelain-veneered zirconia restoration, but since it is thinner, less healthy-tooth structure needs to be removed to make room for it.

Dr. Zhang and his coinvestigators have patented a preliminary design for the glass-ceramic composite. If it proves more durable than all-ceramic formulations, a subsequent study examining the safety and efficacy of glass-ceramic composite restorations in human subjects would be required for Food and Drug Administration approval.
Dr. Timothy Bromage Receives NSF Grant to Compare African and European Bone Development

Working with coinvestigator Dr. Yusuf Juwayeyi, Assistant Professor of Anthropology at Long Island University, Dr. Bromage expects to show that rural sub-Saharan Africans, who have higher-than-average physical workloads, have developed a distinctive pattern of collagen fiber structure to enable their thigh bone to better resist compressive and tensile loads. By contrast, the Australians in his study have widely varying bone fiber patterns reflecting the broader range of lifestyles, occupations, and physical activity levels in their urban environment.

The study will also address whether sub-Saharan Africans, who seldom develop osteoporosis, have a denser, more mineral-rich bone structure to protect them against fractures. Dr. Bromage’s analysis could contribute to efforts to prevent osteoporosis, such as the development of mineral supplements that stimulate greater bone density.

Dr. Timothy G. Bromage, Adjunct Professor of Biomaterials & Biomimetics and of Basic Science & Craniofacial Biology, was recently awarded a National Science Foundation (NSF) grant for a one-year pilot study to analyze bone tissue development in sub-Saharan Africans, who are believed to have significantly more bone mass than people in other regions of the world. Dr. Bromage will use high-resolution microscopy to uncover developmental differences in the thigh bones of sub-Saharan Africans compared to Australians of European descent. The bone samples are being provided by the University of Malawi College of Medicine in Blantyre and the Victorian Institute of Forensic Medicine in Melbourne, Australia.
Scores of colleagues, family, and friends gathered in late June to celebrate the official naming of the Michael C. Alfano Commons in honor of NYUCD’s immediate past Dean and the current Executive Vice President of NYU, whose tenure from 1998 to 2006 helped to transform the College on multiple levels.

In dedicating the Alfano Commons, former Interim Dean Richard I. Vogel said, “In deciding how to honor Mike for his extraordinary leadership of the College, we felt that any facility bearing his name should reflect not only his stature as a leader, but also his warmth, accessibility, and the remarkable esprit de corps he helped to build among NYUCD students, faculty, staff, alumni, and friends. We believe that the Alfano Commons sends exactly that message.”

Among the many gifts to the Campaign to Establish the Alfano Commons was a major leadership gift from the Adele and Leonard Block Fund and Mrs. Peggy Danziger. Mrs. Block and her daughter Mrs. Danziger are members of the family that owned the Block Drug Company, Inc., a major producer of oral and general healthcare products, which is now a division of GlaxoSmithKline. Prior to joining NYUCD, Dr. Alfano was a Senior Vice President of the Block Drug Company.

The 13,000-square-foot, $4 million facility is a spectacularly attractive and hospitable gathering area for students, faculty, staff, and visitors. The Alfano Commons features a food court offering a wide variety of delicious meal options, two student lounges with wall-mounted 60” plasma screen TVs, a pool table, and computer stations. The locker room, Schein Dental Supply Store, student council offices, and laundry/lab coat room are also located on the Commons.

“We felt that any facility bearing Mike’s name should reflect not only his stature as a leader, but also his warmth, accessibility, and the remarkable esprit de corps he helped to build among NYUCD students, faculty, staff, alumni, and friends.”
NYUCD in the News
A SAMPLING OF RECENT MEDIA COVERAGE

WABC-TV Channel 7 Eyewitness News featured stories on NYUCD’s new “Scratch and Sniff” smoking prevention program that targets preteens and on research suggesting that genes cause cavities. The stories were broadcast during NYUCD/NYUCN’s free fall screening program conducted in partnership with WABC-TV Channel 7 and Colgate. WABC-TV Channel 7 also promoted the free screenings with public service announcements and live coverage.

WABC-TV Channel 7 Eyewitness News featured Dr. Mark Wolff, Professor and Chair of Cariology & Comprehensive Care, in a story on the ADA’s decision to give its seal of approval to Wrigley’s sugarless gum. Dr. Wolff spoke about the oral health benefits of chewing gum.

WABC-TV Channel 7 Eyewitness News interviewed Dr. Michael Ghalili, Clinical Associate Professor of Prosthodontics, about ultra-thin, “no-prep” veneers.

ABCNews.com featured Dr. Brian Chadroff, Clinical Associate Professor of Periodontology & Implant Dentistry, in a segment on gum lifts.

Scienceline carried a story on an exhibition at the American Museum of Natural History featuring an ancestral human bone image created by Dr. Timothy Bromage, Adjunct Professor of Biomaterials and Biomimetics and of Basic Science & Craniofacial Biology.

Dental Products Report published a photo-essay on NYUCD entitled “Then and Now.”

UPI reported on a study of monkey cognition by Dr. Elena Cunningham, Adjunct Associate Professor of Basic Science & Craniofacial Biology. The study results were also reported by the Post Chronicle, Science Daily, Biology Blog, and Physorg.com.
National Geographic reported on a study led by Dr. Page Caufield, Professor of Cariology & Comprehensive Care, which found that humans and their oral bacteria evolved from a common ancestor. The study was also reported in Dentistry Today, Dental Assistant, Health & Medicine Week, New Scientist, Popular Mechanics en Espanol, NYU Alumni Magazine, and on MicrobeWorld Radio.

Dentistry Today quoted Dr. Kenneth S. Magid, Clinical Associate Professor of Cariology & Comprehensive Care, in a story about digital X-ray file sharing.

The New York State Dental Journal reported the appointment of Dr. Michael P. O’Connor as Executive Associate Dean for Administration and Finance at NYUCD.

NY1 News interviewed Dr. Mark Wolff on “dentabrasion,” an aesthetic dentistry procedure used for deep cleaning stained teeth.

NY1 News interviewed Dr. Michael Ghalili, Clinical Associate Professor of Prosthodontics, about a process called “Forget the Braces,” which uses veneers to correct misshapen teeth.

NY1 News interviewed Dr. Charles Larsen, Clinical Assistant Professor of Pediatric Dentistry, about candy consumption on Halloween.

ADA News reported the appointment of Dr. Charles N. Bertolami as the Herman Robert Fox Dean of NYUCD. The appointment was also reported in Dentistry Today, The New York State Dental Journal, and The Journal of the California Dental Association.

ADA News reported the establishment of the Herman Robert Fox Deanship at NYUCD, in recognition of a $5 million gift by the late Dr. Fox’s son. The story was also reported in The New York State Dental Journal.

ADA News reported on the April 2007 Second Annual New York City Oral Cancer Walk organized by the NYUCD chapter of the Student National Dental Association.

The Worcester Telegram & Gazette quoted Dr. Shane G. Methal, Clinical Assistant Professor of Cariology & Comprehensive Care, in an article on lip tattoos.
The *Journal of the American Dental Association* (JADA) reported on a study by Dr. Gustavo Cruz, Associate Professor of Epidemiology & Health Promotion, which linked tooth decay and gum infections to ethnicity and country of origin. The study was also reported in *Dentistry Today* and *AGD Impact*.

*Health & Medicine Week* reported the results of an apoptosis cell biology study conducted by Dr. Kathleen Kinnally, Professor and Associate Chair of Basic Science & Craniofacial Biology.

The *Oral Health Advocate* featured NYUCD as a recipient of a grant from the Ronald McDonald House Charities in support of a pediatric oral health initiative, “Smiles Across America.”

*ADA News* reported on a $6.2 million NIH grant awarded to Dr. Daniel Malamud, Professor of Basic Science & Craniofacial Biology and Director of the HIV/AIDS Research Program, to establish a Manhattan-based HIV/AIDS research collective. The grant was also reported by the *British Dental Journal* and MediLexicon.com.

*WNBC-TV Channel 4* interviewed Dr. Gerald Curatola, Clinical Associate Professor of Cariology & Comprehensive Care, about the importance of good nutrition to oral health.

*Campus Technology* featured NYUCD in an article on technology in dental education.

*Nursing Spectrum* reported on the opening of the Nursing Faculty Practice at NYUCD.

*The Journal of the California Dental Association* reported on a study by Dr. Racquel Z. LeGeros, Professor of Biomaterials & Biomimetics and Linkow Professor of Implant Dentistry, which found that an innovative new coating shows promise for inhibiting plaque and calculus around braces.

*Better Homes & Gardens* quoted Dr. Michael Gelb, Clinical Professor of Oral & Maxillofacial Pathology, Radiology & Medicine, in an article on temporomandibular disorders.

*New York Magazine* and *Time Out New York* both included NYUCD in their guides to affordable healthcare.
**Good Morning America** featured Dr. Dean Vafiadis, Clinical Associate Professor of Periodontology & Implant Dentistry, performing dramatic dental makeovers of two 31-year-old female twins.

**AGD Impact** reported on a grant awarded by Allergen, Inc., to NYUCD to assess whether BOTOX® injections can reduce the sudden episodes of stabbing, electric shock–like facial pain associated with paroxysmal trigeminal neuralgia.

The **Atlanta Journal-Constitution** reported on an NYUCD study by Dr. Stefanie Russell, Assistant Professor of Epidemiology & Health Promotion, which found a link between pregnancy and tooth loss. The study was also reported by the *Toronto Star* and *The Worcester Telegram & Gazette*.

**Bottom-Line Personal** reported on a study led by Dr. Walter A. Bretz, Associate Professor of Cariology & Comprehensive Care, which found that a two-week regimen of tongue and tooth brushing in combination with dental flossing decreased gingival bleeding by 38 percent.

**Self** quoted Dr. Andrew Spielman, Professor of Basic Science & Craniofacial Biology and Associate Dean for Academic Affairs, in an article on preventing bad breath.

**Newsday** quoted Dr. Barry Rozenberg, Clinical Associate Professor of Oral & Maxillofacial Pathology, Radiology & Medicine, in an article about a hot-dog eating champion’s jaw injury.

**Fitness** quoted Dr. Jonathan Levine, Clinical Assistant Professor of Cariology & Comprehensive Care, in an article on flossing.

**HeraldNews and NorthJersey.com** quoted Dr. Neal Herman, Clinical Professor of Pediatric Dentistry, in an article about children’s oral health.

**The Journal of Endodontics** carried a story about NYU Department of Endodontics students and faculty joining NYUCD’s second outreach mission to Nicaragua in March 2007. The story also appeared in *The New York State Dental Journal*.

**The New York State Dental Journal** reported on a $230,000 NIH grant awarded to NYUCD to study caries in HIV-positive women.

**The New York State Dental Journal** cited the PEARL Network, an NYUCD-based, NIH-funded, regional practice-based research network in an article on clinical research.

**The New York State Dental Journal** reported on the University of Pennsylvania School of Dental Medicine’s presentation of the Alumni Award of Merit to Dr. Jonathan A. Ship, Professor of Oral & Maxillofacial Pathology, Radiology & Medicine and Director of the Bluestone Center for Clinical Research.
It's been a busy spring, summer, and fall as NYUCD’s $100 million campaign to renovate all out-of-date facilities and to construct new facilities has continued to move forward toward our goal of completely transforming the College’s infrastructure to reflect 21st century technology, design, and function.

CENTRAL STERILIZATION FACILITY

Last spring, a project that was six years in the making came to fruition with the opening of a new 7,000-square-foot, state-of-the-art, central sterilization unit (CSU) that, at five times the size of the previous unit, is the largest facility of its kind in the world. The CSU combines automated washing technology, cart washing capabilities, sterilizers, and an electronic tracking system for every stage of a sterilization program that processes 55,000 instrument cassettes every month.
According to Dr. Francis V. Panno, former Associate Dean for Clinical Affairs, “The new unit was designed to provide accountability for every instrument cassette, handpiece, and bur block at every stage of the sterilization process. The instrument management system designed by ScanTrack interfaces with the Belimed washing and sterilizing equipment and enables the staff to determine the location of the entire instrument inventory during every phase of the process at any given time.”

Although it’s been open less than a year, the CSU has steadily attracted visitors from hospitals as well as dental schools across the country who want to adopt the most advanced sterilization technology available.

WITKIN CENTER CONSTRUCTION, SCHWARTZ BUILDING, AND CLINIC 1A RENOVATIONS

Three floors of the five-floor crown jewel of NYUCD’s facilities project, the Witkin Graduate Center for Clinical Excellence, are nearing completion. The third floor of the Witkin Center will house the dental hygiene program, faculty offices, a seminar room, and postgraduate study lounge. Floors four and five will house periodontology and implant dentistry. In addition, a 64-chair clinic on the third floor of the Schwartz Building was completely renovated over the summer and
opened in fall 2007. The first-floor patient admissions and radiology area (1A) was also renovated to increase patient admitting efficiency and privacy.

250 PARK AVENUE SOUTH

In September, the Department of Epidemiology & Health Promotion, the Office of Human Resources & Faculty Services, and the Office of Financial Management & Business Operations all moved into 9,000 net square feet of leased space at 250 Park Avenue South. The space was completely renovated and furnished to create a working environment that fosters efficiency, openness, and interaction.
NYUCD welcomed the Class of 2011 with a mixture of traditional and new events that began on August 20, 2007, with a weeklong orientation program.

In addition to the annual welcoming boat cruise around Manhattan, orientation this year featured a double-decker bus tour of the city, trips to the American Museum of Natural History and the Museum of Modern Art, a dinner, and a picnic in Central Park.

Then, on September 4, the College held its White Coat Ceremony, which introduces first-year students to the dental profession. Faculty members helped students don their coats for the first time in an act that symbolizes NYUCD’s commitment to student-faculty partnerships. Dean Bertolami told the students that dental school would be “a life-transforming experience that offers the opportunity to change a person in the most fundamental and positive ways possible, including one’s self-identity and self-esteem.

“After a relatively brief period of years,” he said, “you will emerge totally transformed into competent professionals, who think and act completely differently from the way you once did, and will do so with confidence and assurance.”

The curious, eager, and excited faces of the first-year students made it clear that they are indeed ready to be “transformed.”
New York University College of Nursing’s Mobile Health Program Gets Ready to Roll

The New York University College of Nursing is getting ready to roll out a brand-new mobile health clinic called *Feeling Good in Your Neighborhood*. The cheerfully decorated, rainbow-patterned, 36-foot van is a fully equipped healthcare practice with two examination rooms, a handicapped-accessible restroom, and state-of-the-art equipment. It has been designed to complement the College of Dentistry’s *Smiling Faces, Going Places* mobile outreach program.

“The two vans will be like sisters, offering comprehensive health services by providing both primary care and dental care,” says Salimah Walani, MSN, MPH, program director of the initiative, who spent months thinking through the design of the new van. “We wanted to be completely in charge of the services we are providing; this is a nurse-managed and conceptualized center from the ground up.”

The *Feeling Good in Your Neighborhood* van will service an area of Brooklyn with a large immigrant community that is largely uninsured and suffers high rates of asthma hospitalizations and obesity, said Erin Abu-Rish, RN, BSN, the nurse-coordinator of the program. “The program is directed by a family nurse practitioner, Carolyn Iocolono, PhD, FNP, and will be used as a clinical site for adult and pediatric courses in both undergraduate and graduate programs at the College of Nursing,” said Ms. Abu-Rish.

With a patient population of both children and adults, the van will rotate visits among schools, homeless women’s shelters, and Head Start programs, providing primary care, physical examinations, vision and other screening exams, immunizations, and women’s healthcare services.

The College of Nursing has been engaged in Brooklyn school-based primary care programs for over 15 years, operating a mobile health van with Brooklyn Hospital from 2003 to 2007. With the end of
Brooklyn Hospital’s van project, the College of Nursing made the decision to launch its own mobile clinic. A brand-new van, outfitted in Cincinnati, Ohio, by Armor Mobile Systems, enables the College to continue to expand its neighborhood-based healthcare program.

The two vans will be like sisters, offering comprehensive health services by providing both primary care and dental care.

The program is well known in the Fort Greene, Vinegar Hill, and Clinton Hill neighborhoods of Brooklyn. These, and the other neighborhoods visited by the van, have high rates of chronic or undiagnosed illnesses. The program also helps some of the schools meet their physical exam goals, and children are referred to Brooklyn Hospital if more services are necessary.

“We have become very embedded in the communities we serve, and the proof is that we have had requests for our services from additional schools, homeless shelters, and Head Start programs,” says Judith Haber, PhD, APRN, BC, FAAN, Ursula Springer Leadership Professor of Nursing and Associate Dean for Graduate Programs, who oversees the mobile van program.

Beyond focusing on physical wellness, the nurse-providers focus on family health education. Nurses offer guidance on nutrition, oral health, and asthma, hypertension, and diabetes management. For those children who are uninsured, the van’s staff—a family nurse practitioner and two registered nurses—aims to get them coverage. Brooklyn has the highest number of residents in New York City who are eligible for public health insurance but are not enrolled.

“I am thrilled with this project, another example of an innovative primary care initiative by the College that expands access to primary care for children and their families in a highly underserved neighborhood,” said Dr. Haber.
New Master’s Program Combines Biology and Oral Biology

NYU has introduced a new Master of Science program leading to an MS degree in oral biology. The program, a collaboration of the College of Dentistry and the Department of Biology at the Graduate School of Arts and Science (GSAS), is open to students with a minimum of a baccalaureate or equivalent degree who wish to specialize in areas such as metagenomics and population genetics, molecular epidemiology, bone cell and connective tissue biochemistry, oral immunology, periodontal and caries microbiology, mechanisms of mineralization, wound healing, salivary diagnostics, oral manifestations of HIV infections, and tumor immunology. Courses will be taught at both NYU CD and GSAS.

The MS Program in Oral Biology has as its goals to advance the knowledge base in oral biology, which is part of general biology; provide both US and international dentists with graduate-level training and experience in research methodology and technology to better qualify them for careers in academic dentistry and/or healthcare-related industry activities; and enable practicing dentists to improve the quality of care they provide by increasing their understanding of basic biological principles in a field applicable to dentistry.

Additional goals include providing pre-dental applicants with an opportunity to enhance their biological background, thereby increasing their competitiveness for admission to dental school; providing opportunities for collaboration and synergy with the NYU Department of Biology; and opening the gateway to the establishment of a PhD program in oral biology at NYU CD.

According to Dr. Page W. Caufield, Professor of Cariology & Comprehensive Care and Director of the MS Program in oral biology, “The recent restructuring and expansion of courses offered by the Department of Biology at GSAS, combined with the phenomenal growth in research activity at NYU CD, makes this a propitious moment to introduce this combined program.”

Dr. Peter Sacks, Professor of Basic Science & Craniofacial Biology and Co-Director, MS Program in Oral Biology, added, “The MS Program in Oral Biology provides an excellent opportunity to substantially increase scientific knowledge not only of the structure, development, and function of oral tissues and their interrelationships, but also of their relation to other organ systems in both human health and disease. Moreover, as more and more international dental schools require faculty to have an MS in oral biology or a similar degree, the program has the potential to further expand NYU’s impact on global health.”
"Put Yourself on the Path to Good Health"
Is Theme of Free Screenings at NYU’s Colleges of Dentistry and Nursing

From October 17 through 19, 2007, NYU’s Colleges of Dentistry and Nursing partnered with ABC7 and Colgate to offer free general and oral health screenings under one roof. This year’s free screenings focused on the link between oral health and general health, and included screenings for cholesterol, blood sugar, blood pressure, obesity, dental disease, and oral cancer. In addition, people 65 and older were eligible to receive free pneumonia vaccinations and youngsters could get free dental IDs, a process that takes an impression of a child’s bite and captures DNA for purposes of identification.

As in previous years, NYUCD’s longtime media partner, ABC7, promoted the screenings vigorously on the air, with meteorologist Lee Goldberg serving as spokesperson for the event.

Nearly 1,400 New Yorkers—25 percent more than last year—took advantage of the free screenings. Many people commented positively on the “one-stop shopping” approach that enabled them to get both a general health and a dental screening in one location.

“The success of the 2007 screenings underscores the critical need for expanded access to healthcare for New Yorkers of all ages,” said Dr. Charles N. Bertolami, the Herman Robert Fox Dean of the NYU College of Dentistry. “NYU’s Colleges of Dentistry and Nursing, ABC7, and Colgate are proud to partner to offer as much care as possible to our fellow New Yorkers.”
Inside the Dentistry/Nursing Collaboration: DDS Students Learn to Medically Assess Their Patients

“We tell our DDS students that they are primary healthcare providers, but that doesn’t mean very much unless we equip them with the knowledge, skills, and experience to act competently and confidently in that capacity,” says Dr. Andrew B. Schenkel, Clinical Assistant Professor of Cariology & Comprehensive Care. “Now, with the introduction of a formal, collaborative teaching program uniting dentistry and nursing, we are on our way to closing that gap.”

Dr. Schenkel is referring to a new initiative that he is overseeing in collaboration with Madeleine Lloyd, Practice Director of the NYU College of Nursing Nurse Practitioner (NP) Faculty Practice located at the College of Dentistry. Every Wednesday morning, Ms. Lloyd is on the clinic floor, where she helps DDS students become more focused on the oral-systemic link as a two-way street; on how systemic issues can affect the timely delivery of dental care; and on the opportunity and the obligation they have to intervene in their patient’s medical care to ensure that problems are addressed before they worsen.

With help from Ms. Lloyd, students become adept at identifying issues such as high blood pressure, diabetes, irregular heartbeat, atrial fibrillation, potential prescription medication interactions, and other conditions that require medical clearance before dental treatment can proceed.

When such issues arise, rather than having to find oral medicine faculty to refer the patient outside of NYUCD to get medical clearance as they would have done in the past, the student can now consult immediately with Ms. Lloyd, who can do an instant, chairside consult, to help clarify their specific medical concerns and
questions. For example, with innovations like instant read technology, Ms. Lloyd can determine on the spot if someone has a high risk of bleeding, and can select from a range of therapies so that the patient can quickly be cleared for treatment, thus eliminating a waiting period.

In other cases, when a patient has serious medical needs such as untreated diabetes or high blood pressure that must be addressed prior to treatment, especially periodontal treatment, the patient is referred to NYUCD’s on-site NP Faculty Practice, where he or she can get the necessary treatment. Emphasis is always placed on disease prevention and health promotion and students are taught to assess their patients’ primary and secondary preventive needs. This is a holistic approach to care that is earning rave reviews from both patients and students.

Benjamin Jones, 67 years old, hadn’t seen a physician for 20 years, because, as he explained, he was “afraid of doctors.” “I’ve never been more grateful to have a sore tooth, because it sent me to the NYU Dental Clinic, where I found out what I need medically, and the Nurse Practitioners are making it easy for me to get the care I need, so I’m not afraid anymore.”

Students are equally delighted. “I’m excited to be in a position to bring general healthcare to an untapped population—those with dental disease,” says Mitch Sarembock, Class of 2009.

Indeed, a recent survey found that 15 percent of NYUCD patients had medical problems that were not being adequately addressed because they did not have a primary care provider. As a result, it’s common for these patients to present for dental care with a litany of serious, undiagnosed medical issues. Now, because dental students are working with NPs both to identify those who should be referred for medical care and to provide more timely dental care, they are learning that as healthcare providers, dentists share the responsibility for their patients’ overall health.

For patients, it’s one-stop shopping at its best. Indeed, the attention that NPs pay to lifestyle issues such as smoking and nutrition is value added to the healthcare services they provide. And for dentists and nurses, it’s the gratification of moving in new, interdisciplinary directions to provide greater access to better care for more people.
Browsing eBay and Opening a Door onto History: NYUCD Professor Traces the Birth of the Most Important 18th Century Dental Text: Fauchard’s Le Chirurgien Dentiste*

By Andrew I. Spielman, DMD, PhD

Editor’s Note:

It was the 2005 winter break, and Dr. Andrew Spielman was browsing eBay when he was astonished to find a 1728 first edition of Pierre Fauchard’s Le Chirurgien Dentiste (The Surgeon Dentist) for sale. The first comprehensive study of dentistry, Le Chirurgien Dentiste established dentistry as a profession and earned Pierre Fauchard recognition as the “Father of Dentistry.”

Fauchard described in minute detail the full range of treatment modalities that existed for oral and dental conditions in the early 18th century. He spent five years having his manuscript peer-reviewed by a group of 19 esteemed scientists, knowing that the delay in publication would be worth the greater accuracy resulting from the peer-review process.

Dr. Spielman knew immediately that this remarkable first edition belonged at NYUCD, but not where he was going to find $10,000 to have a chance at a successful bid. He contacted former Dean Michael C. Alfano, who agreed that NYUCD should own the book and advised him to ask the Director of the Waldmann Library, Mr. Van Afes, to fund the purchase from his budget. Van’s reply shocked Dr. Spielman: “We already own not only Pierre Fauchard’s 1728 first edition, but also the 1746 second edition, and the 1786 third edition.”

It turns out that NYUCD is one of only a handful of institutions in the world to own both the first and second editions, not to mention the third edition. The source of these rare books was a bequest from Dr. Bernhardt W. Weinberger (1886–1960), a University of Pennsylvania School of Dental Medicine graduate, an orthodontist and historian in his own right, and an NYUCD faculty member during the 1920s.

His appetite whetted by these discoveries and by his physical proximity to the first edition, Dr. Spielman decided to look into the process whereby Le Chirurgien Dentiste came into being. All of the historical photos in this article were taken by Dr. Spielman, mostly from the first edition, providing him with a portal through which to enter the life, times, and temperament of the “Father of Dentistry.” The following essay recounts that experience.

* An extended version of this article was published in the October 2007 issue of the Journal of Dental Research.
What must it have been like to write a textbook in a new field, like dentistry, at the dawn of the 18th century? Pierre Fauchard worked on his famous manuscript on and off while practicing as a certified “mâtre chirurgien-dentiste,” or master surgeon-dentist. When he first registered his manuscript in 1723, it contained 600 handwitten pages. But it took five more years of revisions based on feedback from 19 highly respected peer reviewers, who provided “approbations”—a sort of seal of approval or endorsement—and a subsequent reduction of close to 200 pages, to bring it to its final form. All of Fauchard’s reviewers were socially prominent and illustrious physicians, scientists, scholars, and teachers. Clearly, Fauchard was astute enough to know that he needed a “buy-in” from those at the top if he was going to make his case for dentistry as a profession, rather than a trade. Long before “marketing” became a popular concept, Fauchard’s understanding of the need to establish his credibility ranks him as a marketing pioneer. By contrast, the first textbook on prosthodontics, Essai d’odontotechnie (Essay on Dental Technique) by Claude Mouton, published in 1746, was reviewed and approved by one person. Pierre Fauchard coined the term “chirurgien dentiste” to refer to a trained surgeon, like himself, as opposed to untrained individuals, often barbers, who extracted teeth. While apprenticing in his youth as a naval surgeon, and witnessing the ravaging effects of scurvy on sailors’ dentition, he became interested in...
dentistry, and subsequently set out to write the first-ever systematized, scientific, and complete work documenting the state of the art and science of dentistry.

While great scientists and artists of the time, including Vesalius, DaVinci, Eustachio, and Paré, had published material about dentistry as part of more comprehensive medical works, never before had there been a separate, self-contained extensive text devoted to dentistry. With the publication of *Le Chirurgien Dentiste*, Fauchard literally founded a new profession.

The final manuscript, housed at the Library of the National Academy of Medicine in Paris, is 422 pages, and contains three discrete handwriting styles. The majority of the text is written in a hand that most likely belongs to Fauchard. I say this not only because it appears throughout the manuscript, but also because it contains significant spelling errors, which, in 1723, would not have been considered a major problem for a writer like Fauchard, who had to work for a living from a very early age and therefore did not have a formal education.

A second handwriting style and tone are discernible on the margins of the manuscript. These jottings are more mature and learned-sounding, and most likely belong to Jean Devaux (1649–1729), Fauchard’s first reviewer. The third set of jottings, which are very carefully, indeed painstakingly, composed, are most likely the notes Fauchard made based on reviewers’ changes.

Devaux knew little about dentistry, but he brought to Fauchard’s enterprise the prestige, experience, and authority that Fauchard lacked. Most of Devaux’s suggested changes and corrections appear in the medical/surgical sections of the first volume. The second volume, which deals with technical aspects of dentistry; (i.e., denture making, instruments, etc.), has no similar marginalia. For the next 16 months, Fauchard made corrections to his manuscript before submitting it to other reviewers.

Fauchard was astute enough to know that he needed a “buy-in” from those at the top if he was going to make his case for dentistry as a profession, rather than a trade.

Long before “marketing” became a popular concept, Fauchard’s understanding of the need to establish his credibility ranks him as a marketing pioneer.
Fauchard’s second reviewer was Philippe Hecquet (1661–1737), Regent-Doctor, Professor of Medicine, and former Dean of the Faculty of Medicine at the University of Paris, and personal physician to Henry-Jules de Bourbon (Prince of Conde), the Duchess of Vendôme, and even to the young Louis XV. When Fauchard sought his approval, Hecquet was 64 and at the height of his illustrious career, and his was an especially important endorsement.

Fauchard next sought approval from Jean-Claude Adrien Helvetius (1685–1755), the son of an Amsterdam-born physician, Jean Adrien Helvetius, famous for introducing the ipecacuanha root, used to cure dysentery, to the French court.

Within days, Fauchard obtained another approval, this one from Jean Baptiste Silva (1682–1746), Regent-Doctor at the Faculty of Medicine in Paris, physician to the Duke, and consulting court Physician to King Louis XV, Karl the elector of Bavaria, and Tsarina Anna of Russia.

On July 26, 1725, Fauchard secured the endorsement of Antoine DeJussieu (1686–1758), physician, botanist, Member of the French Academy of Science, and Professor at the famed Jardin du Roi in Paris. DeJussieu was a respected Regent-Doctor at the Faculty of Medicine in Paris and Member of the Royal Societies of London and Berlin.

Several months later, Fauchard turned to Raymond-Jacob Finot (1673–1747), a distinguished physician on the Faculty of Medicine at the University of Paris and the personal physician to the Prince and Princess of Conti. Several years earlier, Finot had referred a patient suffering from an oral tumor to Fauchard.

Fauchard next sought the approval of Jacob Benignus Winslow (1669–1760), Regent-Doctor at the Faculty of Medicine in Paris, Member of the Royal Academy of Science, and later Professor of Anatomy and Surgery at the Jardin du Roi, where DeJussieu was a professor of Botany. Winslow’s patients included King Louis XIV, the Sun King. Winslow had earlier referred several patients to Fauchard, including one with parulis (an abscess of the gingiva).

The next six months found Fauchard busy revising his manuscript. That spring, in rapid succession, he sought the approval of six additional colleagues, all formally trained, guild-certified Parisian surgeons. Then on June 9, 1728, after almost five years spent preparing his manuscript, Fauchard turned for the first time to a dentist, Monsieur Laudumiey, surgeon-dentist to His Majesty, Philip V, King of Spain, for an “approbation.”

The final “approbation,” dated July 7, 1728, is from a group of guild-certified surgeons in Paris, lieutenants to the Chief Surgeon of the King, one of whom is likely to have been the famous Claude Mouton, author of the aforementioned Essai d’odontotechnie.

History does not record the identity of all 19 individuals who gave their seal of approval to Fauchard, but the fact that he initially sought approval from the most established physicians of his time shows that he was well aware of the social and professional “pecking order” that prevailed. To recruit and implement all 19 “approbations” meant that Fauchard had to wait five years between completing his manuscript and publishing Le Chirurgien Dentiste, but history proves that the wait was well worthwhile.
NYUCD’s Department of Endodontics, the nation’s first formal department of endodontics, celebrated its 80th anniversary in June. The event included a scientific session, a slide presentation documenting the department’s participation in NYUCD’s spring 2007 outreach to Nicaragua, and a gala reception and dinner at Manhattan’s Water Club.

“As the home of the first formal department of endodontics at a dental school in the United States, NYUCD takes great pride in this important milestone,” said former Interim Dean Richard I. Vogel. “Throughout its history, endodontics at NYU has been a leader in the field, especially its specialty training program, which consistently ranks among the top programs of its kind in the world. The department also enjoys the distinction of being the first named department of endodontics in the United States, the Dr. Ignatius N. and Sally Quartararo Department of Endodontics. I know that everyone at NYUCD joins me in congratulating the faculty, students, staff, and alumni of this great department, and its distinguished chairman, Professor Paul A. Rosenberg, and wishing them a joyous and memorable 80th anniversary celebration.”
An ice cream social with a twist was held at NYUCD on September 7, to welcome the Herman Robert Fox Dean, Charles N. Bertolami, to his new position. The event was open to all members of the Colleges of Dentistry and Nursing, and the twist was that Dean Bertolami and the other deans were the ones scooping out ice cream for the guests.

The event was Dean Bertolami’s way of saying “thank you” for the extraordinarily warm welcome to NYU and New York City that he and his wife, Linda, had received. “We’ve never experienced anything like it,” he said, “and we are immensely grateful to everyone for helping to make our reception by the NYUCD/NYUCN communities so wonderful.”

The guests thought it was pretty wonderful, too, and a great way to meet the new Dean.
NYUCD is in the process of launching its first large-scale digital radiology project, beginning on two floors of the Witkin Graduate Center for Clinical Excellence containing a total of 60 treatment rooms. While NYUCD is joining the ranks of 22 other dental schools using digital radiology, a forward-looking design innovation makes the NYUCD version the first of its kind in the nation.

In collaboration with A-dec, a leading manufacturer of dental delivery systems, NYUCD has customized a digital radiology system that places a small-format computer, monitor, and medical-grade keyboard with an integrated pointing device directly attached to the delivery chair unit, optimizing form and function in limited spaces where the typical stand-alone cabinet or wall-mounted PC solutions are not options.

According to Dr. David Sirois, Associate Professor of Oral & Maxillofacial Pathology, Radiology & Medicine and Associate Dean for Graduate Programs, “This novel solution will allow efficient space utilization and excellent image-viewing position in every treatment room. All 60 stations are connected to a mainframe computer with a robust data management and security environment, ensuring the reliability and accessibility of digital patient-imaging information from any treatment room, as well as access from remote treatment planning and study areas at a distance from the clinical operations. In addition to traditional dental X-rays, the digital radiology project will also include sophisticated CT-scan imaging and skull radiographs used for assessing growth and development, maxillofacial pathology, and implant surgical treatment planning. These technologies will dramatically improve the quality of images, image lifespan, and image manipulation for treatment planning, while reducing overall radiation exposure to the patient.

“Another advantage is that the computer supporting the image acquisition is also networked to an office management system allowing other vital patient information to be accessible, as well as management of patient and doctor scheduling and accounting information.”

NYUCD’s new digital radiology project in action.
New 3-D Bone Tissue Scaffold Printer Could Speed Up Bone Regeneration

NYUCD recently began testing a three-dimensional bone tissue scaffold printer that could substantially reduce bone regeneration time in the oral cavity and elsewhere in the body. Bone generated from the scaffolds could be used to shore up alveolar (jaw) bone to support dental implants, as well as to repair cleft palates, fill in missing pieces of skull, and repair other large and small defects.

The printer, known as a robotic deposition, or Robocaster, system, converts three-dimensional information, from CT scans, MRIs, or other indicators of missing or defective areas of bone, into custom 3-D printed tissue scaffolds with an unprecedented level of precision. Because the structural elements of the scaffolds are similar in size to ingrowing bone structure (~200µm), the bone is expected to grow faster and more accurately than bone generated from other random orientation types of tissue scaffolds.

The scaffolds have been made from hydroxyapatite ceramics, which are permanent, while the newest materials are composites of hydroxyapatite and tricalcium phosphate, which can remodel with bone and eventually be removed from the bone structure, leaving only repaired bone. Unlike metal plates that are commonly used to replace missing sections of skull and jaw bone, the scaffolds disappear completely from the body once the bone has regenerated, and do not require surgical removal once the bone is in place. This is an advantage in applications, such as cleft palate in children, where permanent scaffolds cannot be used because the bone must be able to change shape as the child grows.

NYUCD is believed to be the only dental school testing the printer for bone regeneration.

A six-month pilot study to regenerate missing sections of skull bone in vitro is being led by Dr. John Ricci, Associate Professor of Biomaterials & Biomimetics, Dr. Mitchell Pines, Professor of Biomaterials & Biomimetics, and Ms. Elizabeth Clark, Adjunct Assistant Professor of Biomaterials & Biomimetics, in collaboration with Ms. Michelle Gurfinkel, Class of 2011, Dr. Jim Smay at Oklahoma State University, and his graduate student, Ms. Cornelia Vasiliu.
NYU NAMES DR. DIANNE REKOW AS SPECIAL ADVISOR TO THE PRESIDENT AND THE PROVOST ON ENGINEERING

Dr. Dianne Rekow, Professor and Chair of the Department of Basic Science & Craniofacial Biology, has been named by NYU President John Sexton and Provost David McLaughlin as Special Advisor to the President and the Provost on Engineering at NYU. In this role, she will serve as NYU’s representative and principal liaison to Polytechnic University in discussions concerning the possible merger of NYU and Polytechnic University.

In addition to a dental degree and specialty training in orthodontics, Dr. Rekow holds an MBA, an MS degree in mechanical engineering, and a PhD in biomedical engineering.

Dr. Rekow will continue to hold her posts at NYUCD, where she will provide general, strategic oversight of department activities while taking on these new duties. Dr. Kathleen Kinnally, Professor of Basic Science & Craniofacial Biology, has been appointed Associate Chair of Basic Science & Craniofacial Biology, a position in which she will manage the department’s day-to-day operations. (See related story on page 40.)

President Sexton said, “We think the merger with Polytechnic University offers exciting new possibilities for faculty collaborations and for student education. In choosing a ‘point person’ for our discussions with Polytechnic University,
Provost McLaughlin and I sought someone who was a respected scholar within his or her discipline but who also saw the great possibilities of interdisciplinary collaborations, and someone with proven administrative skills, particularly with regard to merging academic programs.

“Dianne Rekow immediately stood out. Esteemed within her field, as past Chair of the College of Dentistry’s Bioterrorism and Catastrophe Response Force, her thoughtful and visionary contemplation of new roles for dentists in a post-9/11 world has helped re-shape ideas about the healthcare response in the event of a major catastrophe. That kind of foresight and imagination will be very valuable in this appointment.”

Provost McLaughlin said, “Dianne is a natural leader, and we are confident that her examination of the academic, financial, facilities, and infrastructure issues will be insightful and thorough, and her broad consultations with faculty members, deans, and other members of the NYU community will bring much clarity and value to the discussions on strategic priorities, the implementation of the academic program, and other matters related to joining the two institutions. We are grateful to her for taking on this task.”

GLOBAL HEALTH NEXUS TAKES FIRST PLACE IN DESIGN COMPETITION

The New Jersey Ad Club has awarded first place in its annual magazine design competition to Global Health Nexus for its spring 2006 cover, “Nurturing Our Profession,” which dealt with creating a culture of philanthropy in dental education.

This marks the 12th major award that Nexus has won in either the design or the content category in a number of different competitions since it was introduced in 1999.
A DOUBLEHEADER FOR DR. JONATHAN SHIP:
NAMED AS THIRD EDITOR OF BURKET’S ORAL MEDICINE AND
HONORED WITH PENN DENTAL SCHOOL’S ALUMNI AWARD OF MERIT

Dr. Jonathan A. Ship, Professor of Oral & Maxillofacial Pathology, Radiology & Medicine, and Director of the Bluestone Center for Clinical Research, has been named a third editor of the 11th edition of Burket’s Oral Medicine: Diagnosis and Treatment, the classic textbook that has been in print for over five decades and has been translated across the globe.

The other two editors are Dr. Martin S. Greenberg, Chief of the Oral Medicine Division of the University of Pennsylvania Health System, and Dr. Michael Glick, Professor of Oral Medicine at the Arizona School of Dentistry & Oral Health, Associate Dean for Oral-Medical Sciences at the College of Osteopathic Medicine, Mesa, and Editor of the Journal of the American Dental Association, who jointly edited the 10th edition in 2003.

Dr. Ship is also a contributor to the 11th edition, along with three other NYUCD faculty members: Dr. Ross Kerr, Clinical Associate Professor of Oral & Maxillofacial Pathology, Radiology & Medicine; Dr. Joan Phelan, Professor and Chair of the Department of Oral & Maxillofacial Pathology, Radiology & Medicine; and Dr. David Sirois, Associate Professor of Oral &

Jonathan Ship, DMD

Professor of Oral & Maxillofacial Pathology, Radiology & Medicine
and Director of the Bluestone Center for Clinical Research
Dr. Terry Fulmer, the Elinie Perkins Mcgriff Professor and Dean of the NYU College of Nursing, has been appointed a Trustee of Skidmore College. She was named during summer 2007 to the 35-member board, which guides this prestigious liberal arts college in Saratoga Springs, New York, from which Dr. Fulmer received her bachelor’s degree in 1976.

Dr. Fulmer, a researcher, scholar, and advocate of healthcare for older adults, has made it her life’s mission to educate healthcare professionals about excellence in caring for the elderly. In 2005, Dr. Fulmer was named the first Dean of the NYU College of Nursing, when it was elevated from a division at NYU’s Steinhardt School to become a College of Nursing within the NYU College of Dentistry. Under her leadership, the college’s enrollment has dramatically increased and the faculty size doubled, a strategy aimed directly at addressing a major national nursing shortage by educating more, and more highly qualified, nurses.

Dr. Fulmer received both master’s and doctoral degrees from Boston College and received her Geriatric Nurse Practitioner Post-Master’s Certificate from New York University. She also completed a Brookdale National Fellowship at Columbia University. A pioneer in geriatric nursing, Dr. Fulmer was the first nurse to serve as President of the Gerontological Society of America and was also the first nurse to be elected to the board of the American Geriatrics Society.
Because she has family in Nicaragua, whom she visits often, Aura Caldera, ’08, is well acquainted with the impact that chronically high unemployment, illiteracy, and poverty have had on the country, making it one of the poorest in Central America. When you consider the additional impact that hurricanes, floods, and other natural disasters have had on the economy, it’s easy to understand why dental care is out of reach for most Nicaraguans.

On a visit to her aunt in Managua, the Nicaraguan capital, in 2004, Aura was particularly moved to learn of the plight of residents in the neighboring town of Chiquilistagua, home to more than 10,000 people, but no local dentist.

With her aunt agreeing to make on-site arrangements for a possible NYUCD outreach visit, Aura—with advice and guidance from Dr. Stuart M. Hirsch, Associate Dean for International Programs and Development—assembled a team of six faculty and staff members, a total of 13 DDS students, two pediatric residents, a resident and a fellow in oral and maxillofacial surgery, and a student in the Advanced Program in Comprehensive Dentistry for International Dentists.

She also solicited and gained support from NYUCD and corporate sponsors, secured an invitation from Nicaragua’s Ministry of Health, and made travel arrangements, turning her dream of outreach to Nicaragua into a reality. During that visit, the team treated nearly 600 people ranging in age from two to 78.

The outreach team was so warmly welcomed and their services so much in demand that they returned in spring 2007, this time with the addition of NYU endodontists and nurses, making a total of 35 outreach team members, who provided expanded care to more than 750 people.

Says Aura: “The experience that the Nicaragua dental outreach has given me has influenced the role that I want to play as a future healthcare provider. I envision a time when every graduating dental student gets the opportunity to participate in an international outreach. thereby fostering a breed of social entrepreneurial dentists, healthcare pioneers working to benefit humanity.”
Growing up in a rough section of Scranton, Pennsylvania, David Stubbs, ’08, experienced the kind of tough times that would set most people on the path to a bleak future. But at age 16, after narrowly escaping being shot during a night out with friends, David took a cue from his pastor, who told him, “Tough people last, tough times don’t.” David stopped hanging out at night and started to focus on his studies. His grandmother, a constant inspiration to him while he was growing up, pushed David to study hard, telling him, “You are meant for big things.” And a chance encounter with an African American dentist he met while in high school encouraged him to go to college and then to pursue a career in dentistry.

Having learned to “become strong and think positive,” David earned good grades in high school and at the State University of New York at Binghamton, where he majored in biology, doing so well that he was awarded a full scholarship to attend NYUCD, where he has maintained an excellent grade point average and earned a place in the Senior DDS Honors Program.

Now, as he nears the midpoint of his fourth year at NYUCD, David is applying to six-year joint MD degree/oral surgery certificate programs at several universities across the country.

How does David feel about the additional years of study awaiting him? “Oral surgeons have the power to turn lives around and do incredible things,” he says. “I know it takes hard work to turn your life around, and I’m prepared to do the hard work needed to help others.”
Dr. Gerald S. Wank, ’49, Clinical Professor of Periodontology & Implant Dentistry, recently celebrated 50 years of continuous faculty service to NYUCD. During his long career, Dr. Wank has been recognized with the Student Council Best Teacher Award, the Alumni Achievement Award, the New York University Meritorious Service Award, the Meritorious Service Award of the Eastern Dental Society, and the Distinguished Professor of Periodontology Award, among many others, as well as with prestigious fellowships and faculty appointments at area hospitals.

Despite his busy professional schedule, Dr. Wank also found time to become one of the most active alumni NYUCD has known. He has held every elective office in the NYUCD Alumni Association and has vigorously supported his alma mater both through fundraising leadership activities and through personal philanthropy, including a generous gift to name the Gerald S. and Gloria Wank Seminar Room. In the process, he earned membership in several of the university’s leading donor recognition societies.
Ghouls, witches, and spirits of all kinds joined over 1,000 dental and nursing students, faculty, and staff for a pre-Halloween celebration on October 29, 2007, at the Grand Hyatt Hotel in Manhattan. The Halloween theme was in full force, with goblins and ghosts making sure that everyone had a frighteningly good time.

Previous fall celebrations have been held at the United Nations, the Big Apple Circus, and Madame Tussaud’s Wax Museum, among other New York City attractions.

“These events are great opportunities for the dentistry and nursing communities to come together in a relaxed, fun setting,” said Dean Bertolami. “I think everyone who attended the pre-Halloween party thought it was one of our best events ever.”
CONGRATULATIONS TO...

Dr. Charles N. Bertolami, Herman Robert Fox Dean of NYUCD, on being elected President-elect of the American Dental Education Association; on authoring an article entitled “Creating the Dental School Faculty of the Future: A Guide for the Perplexed,” for the Journal of Dental Education; and on presenting the 2007 Dr. Cyril R. and Evelyn F. Mirmelstein Lecture, “Doing Well—Doing Good; A Preamble to Ethics in Practice” at the Virginia Commonwealth University School of Dentistry. Dean Bertolami has also been named the recipient of the Research Recognition Award of the Oral & Maxillofacial Surgery Foundation.

Dr. Michael Bral, ’76, Professor of Periodontology & Implant Dentistry, on coauthoring an article entitled “Management of a Patient with Severe Erosive Lichen Planus in Need of an Immediate Complete Denture: A Clinical Report,” for the Journal of Prosthetic Dentistry, with Dr. Gary R. Goldstein, Professor of Prosthodontics.

Dr. Leigh R. Busch, PG in Endodontics Program, ’75, Clinical Assistant Professor of Endodontics, on being promoted to Director of the Predoctoral Program in Endodontics. In that capacity, Dr. Busch is responsible for the education of the largest predoctoral endodontics class in the United States.

185 ATHLETES SCREENED AT SPECIAL OLYMPICS

Last June, a team of 51 NYUCD faculty, students, and alumni screened and provided oral hygiene demonstrations for 185 physically and emotionally handicapped athletes at the New York Special Olympics in Riverbank State Park in Manhattan. Led by Professor Jill B. Fernandez-Wilson, Clinical Associate Professor of Pediatric Dentistry, the annual event has become an NYUCD tradition.
**Dr. John R. Calamia,** Professor of Cariology & Comprehensive Care, on receiving both the 2007 Educator of the Year Award and the Faculty Award of Excellence presented by the American Academy of Cosmetic Dentistry; on becoming Senior Editor of *Successful Esthetic and Cosmetic Dentistry for the Modern Dental Practice*; and on coauthoring a chapter in that textbook entitled “Porcelain Laminate Veneers: Reasons for 25 Years of Success,” with Dr. Christine Calamia, ’07.

**Dr. Giuseppe Cardaropoli,** Assistant Professor of Periodontology & Implant Dentistry, on being appointed to the editorial boards of the *International Journal of Maxillofacial Implants* and the *Journal of Clinical Implant Dentistry and Related Research*; on becoming a member of the research committee of the Academy of Osseointegration; and on authoring articles entitled “Peri-Implant Hard and Soft Tissue Integration to Dental Implants Made of Titanium and Gold,” for *Clinical Oral Implants Research*; “Immediate Placement of Implants into Impacted Maxillary Canine Extraction Sockets,” for the *International Journal of Periodontics & Restorative Dentistry*; and “Microbiological Effect of the Use of an Ultrasonic Device and Iodine Irrigation in Patients with Severe Chronic Periodontal Disease: A Randomized Controlled Clinical Study,” for *Acta Odontologica Scandinavica*.

**Dr. Gustavo D. Cruz,** Associate Professor of Epidemiology & Health Promotion and Global Oral Health Concentration Leader for the NYU Master’s Program in Global Public Health, on authoring an article entitled “The Cultural and Social Context of Oral and Pharyngeal Cancer Risk and Control Among Hispanics in New York,” for *The Journal of Health Care for the Poor and Underserved*.

**Dr. Elena Cunningham,** Adjunct Assistant Professor of Basic Science & Craniofacial Biology, on coauthoring an article entitled “Integrating Information About Location and Value of Resources by White-faced Saki Monkeys,” for *Animal Cognition*.

**Dr. Ananda P. Dasanayake,** Professor of Epidemiology & Health Promotion and Director of the Graduate Program in Clinical Research, on authoring an article entitled “Challenges Faced by Minority Children in Obtaining Dental Care,” for *The Journal of Health Care for the Poor and Underserved*. 
Dr. Gary Davidowitz, ’78, Clinical Assistant Professor of Cariology & Comprehensive Care, on authoring an article entitled “Minor Tooth Movement for Crowded Mandibular Teeth,” for Dentistry Today.

Dr. Michael B. Ferguson, Clinical Associate Professor of Prosthodontics, on coauthoring an article entitled “Impressive: Fast, Efficient Implant Impression with Precision VPS and Perfectrays,” for Dental Products Report, with Dr. Mijin Choi, Clinical Assistant Professor of Prosthodontics; and on coauthoring “Recreating an Esthetic Smile: A Multidisciplinary Approach,” for the Journal of Periodontics & Restorative Dentistry.


Dr. David L. Glotzer, ’58, Clinical Professor of Cariology & Comprehensive Care, on coauthoring an article entitled “All Hazards Training: Incorporating a Catastrophe Preparedness Mindset into the Dental School Curriculum and Professional Practice,” for Dental Clinics of North America, with Dr. Dianne Rekow, Professor and Chair of Basic Science & Craniofacial Biology and Special Advisor to the President and the Provost on Engineering at NYU; Dr. Frederick G. More, Professor of Epidemiology & Health Promotion and of Pediatric Dentistry; Dr. Benjamin Godder, Clinical Associate Professor of Cariology & Comprehensive Care; and Dr. Walter Psoter, Assistant Professor of Epidemiology & Health Promotion. In addition, Dr. Glotzer and Dr. Luis Fujimoto, Clinical Associate Professor of Periodontology & Implant Dentistry, have been appointed to the Advisory Board/Leadership Council of the Medical Reserve Corps of New York City.

Dr. Gary Greenstein, ’72, Professor of Periodontology & Implant Dentistry, on coauthoring an article entitled “The Relationship Between Biologic Concepts and Fabrication of Surgical Guides for Dental Implant Placement,” for Compendium of Continuing Education in Dentistry, with Dr. John Cavallaro, Clinical Associate Professor of Periodontology & Implant Dentistry.

Dr. Joseph B. Guttenplan, Professor of Basic Science & Craniofacial Biology, on coauthoring one of the five most cited articles in bioorganic and inorganic chemistry in 2006. The article, “Mutagenic Activity of 4-Hydroxyestradiol, but Not 2-Hydroxyestradiol, in BB Rat2 Embryonic Cells, and the Mutational Spectrum of 4-Hydroxyestradiol,” was published in Chemical Research in Toxicology. Dr. Guttenplan’s coauthors included Dr. Peter G.
Sacks, Professor of Basic Science & Craniofacial Biology. Additional articles coauthored by Dr. Guttenplan include “Comparative Mutational Profiles of the Environmental Mammary Carcinogen 6-Nitrochrysene and Its Metabolites in a lacI Mammary Epithelial Cell Line,” for Carcinogenesis; and “Effects of 1,4 Phenylenebis (Methylene) Selenocyanate on Mutagenesis and p53 Protein Expression in the Tongue of lacI Rats Treated with 4-Nitroquinoline-N-Oxide,” for Mutation Research. Dr. Guttenplan also copresented a workshop entitled “Mutagenic Activity of Carcinogens” at the XIII International Charles Heidelberger Symposium.

Dr. Neal G. Herman, ’72, Clinical Professor of Pediatric Dentistry, on being profiled in the “Saluting Success” section of the New York State Dental Foundation Web site, which recognizes individuals whose contributions to the dental profession and patient care far exceed duty and expectations.

Dr. Ralph V. Katz, Professor and Chair of Epidemiology & Health Promotion, on coauthoring an article entitled “Willingness of Minorities to Participate in Biomedical Studies: Confirmatory Findings from a Follow-up Study Using the Tuskegee Legacy Project Questionnaire.” for the Journal of the National Medical Association, with Dr. Stefanie Russell, Assistant Professor of Epidemiology & Health Promotion.

Dr. Racquel Z. LeGeros, Professor and Associate Chair of Biomaterials & Biomimetics and Linkow Professor of Implant Dentistry, on coauthoring articles entitled “Antibacterial Effect of Zinc Phosphate Mineralized Guided Bone Regeneration Membranes,” for Implant Dentistry; “Physico-Chemical-Mechanical and in vitro Biological Properties of Calcium Phosphate Cements with Doped Amorphous Calcium Phosphates,” for Biomaterials; “In situ Characterization of Degradation Behavior of Plasma-Sprayed Coatings on Orthopedic and Dental Implants,” for Advanced Science Technology, with Dr. John P. LeGeros, Adjunct Professor of Biomaterials & Biomimetics; “Fluoride Supplement Affects Bone Mineralization in Young Rats,” for the Journal of Hard Tissue Biology; “Calcium Phosphate Biomaterials: An Update,” for the International Journal of Oral Medical Sciences, with Dr. John P. LeGeros; “Dissolution Rate of Zinc-Containing b-Tricalcium Phosphate Ceramics,” for Biomedical Materials; and “Performance for Bone Ingrowths of Biphasic Calcium Phosphate Ceramic Versus Bovine Bone Substitute,” for Key Engineering.
Dr. Mitchell Lipp, ’87, Clinical Assistant Professor of Orthodontics, on authoring an article entitled “Shedding Even More Light on an Orthodontic Appliance,” for The New York State Dental Journal.

Dr. Oded Nahlieli, Adjunct Associate Professor of Oral & Maxillofacial Surgery, on authoring an article entitled “Endoscopic Intraoral Plating of Orbital Floor Fractures,” for the Journal of Oral and Maxillofacial Surgery. Dr. Nahlieli’s coauthors included Dr. Michael D. Turner, Assistant Professor of Oral & Maxillofacial Surgery.

Dr. Richard Nejat, ’97, Clinical Assistant Professor of Periodontology & Implant Dentistry, on coauthoring an article entitled “Controlling the Intraoral Environment Before and After Implant Therapy,” for Registered Dental Hygienist, with Dr. Daniel Nejat, PG Periodontology Program ’06.

Dr. Ivy Peltz, ’83, Clinical Associate Professor of Cariology & Comprehensive Care, on being accepted into the NYU Steinhardt School of Education PhD program in Higher and Postsecondary Education, which she began in fall 2007, and on serving as the NYUCD Mentor Coordinator for the Mentoring Initiative of the American Dental Association.

Dr. Dennis W. Peng, Clinical Associate Professor of Cariology & Comprehensive Care, on coauthoring an article entitled “Ploidy Analysis on Brush Biopsy Samples,” for Oral Surgery, Oral Medicine, Oral Pathology, Oral Radiology, and Endodontology, with Dr. David A. Sirois, Associate Professor of Oral & Maxillofacial Pathology, Radiology & Medicine and Associate Dean for Graduate Programs; Dr. Peter G. Sacks, Professor of Basic Science and Craniofacial Biology; and Dr. Ross Kerr, Clinical Associate Professor of Oral & Maxillofacial Pathology, Radiology & Medicine.

Dr. Mitchell S. Pines, ’75, Clinical Professor of Biomaterials & Biomimetics, on receiving the American Dental Association’s 2007 Dr. Edward B. Shils Entrepreneurial Education Award, which recognizes innovation in improving the oral health of the public.

Dr. Seung-Hee Rhee, ’96, Clinical Associate Professor of Cariology & Comprehensive Care, on representing New York State as a member of the House of Delegates at the 2007 annual meeting of the Academy of General Dentistry; and on serving as chair of the Women Dentists Committee of the Academy of General Dentistry.

Robert J. Rueda, ’09, on winning an 80GB iPod in a lottery sponsored by the Journal of Evidence-Based Dental Practice. Mr. Rueda, shown with Dr. Michael Newman, Editor, Journal of Evidence-Based Dental Practice, and Dr. Ralph V. Katz.

Dr. Christian F. J. Stappert, Assistant Professor of Periodontology & Implant Dentistry, on authoring an article entitled “All-Ceramic Partial Coverage Restorations on Natural Molars: Masticatory Fatigue Loading and Fracture Resistance,” for the American Journal of Dentistry.

Dr. Van P. Thompson, Professor and Chair of the Department of Biomaterials & Biomimetics, on coauthoring an article entitled “Attitudes and Expectations of Treating Deep Caries: A PEARL Network Survey,” for General Dentistry, with Dr. Page W. Caufield, Professor of Cariology & Comprehensive Care; Dr. Frederick Curro, Clinical Professor of Oral & Maxillofacial Pathology, Radiology & Medicine and Director of Pharmacology for the Bluestone Center for Clinical Research; and Dr. Jonathan A. Ship, Professor of Oral & Maxillofacial Pathology, Radiology, & Medicine and Director of the Bluestone Center for Clinical Research.

Dr. Mea A. Weinberg, Clinical Associate Professor of Periodontology & Implant Dentistry, on coauthoring an article entitled “Oral Health and Elder Care,” for U.S. Pharmacist, with Dr. William J. Maloney, Clinical Assistant Professor of Cariology & Comprehensive Care.

Dr. Mark S. Wolff, Professor and Chair of Cariology & Comprehensive Care and Associate Dean for Predoctoral Clinical Education, on receiving a recognition award from the World Congress of Minimally Invasive Dentistry for outstanding contributions to the field of dentistry in prevention and cariology; and on coauthoring an article entitled “A 100-Year Journey from GV Black to Minimal Surgical Intervention,” for Compendium, with Dr. Kenneth Allen, Assistant Professor of Cariology & Comprehensive Care, and Dr. James Kaim, Professor and Associate Chair of Cariology & Comprehensive Care.
Alumni Association and Five-Year Classes from ‘57 to ‘02 Join in Celebration

The NYUCD Alumni Association partnered with the Classes of ’57, ’62, ’67, ’72, ’77, ’82, ’87, ’92, and ’02 in October to celebrate the installation of alumni officers for 2007–2008 and to honor graduates of these classes. The combined event, which drew more than 300 people, was held at the Grand Hyatt Hotel in Manhattan.

Please Support the Annual Fund

Last year, NYUCD’s Annual Fund exceeded $1 million, and this year we will approach $1.5 million. Since 2003, overall giving has increased from $4 million to $12 million. We could not have done this without your extraordinary generosity.

The Annual Fund consists of unrestricted gifts that help maintain the College’s level of excellence. Your gifts support the renovation and construction of facilities, provide financial assistance for our students, and help offset the tremendous operating expenses of the College. Please continue to support NYUCD by making a gift to the Annual Fund. For more information, call Patrick Minson at 212.998.9928.
Congratulations to:

‘50s

DR. MALCOLM MEISTER, Class of 1955, on receiving the NYU Orthodontic Alumni Society Distinguished Service Award.

‘80s

DR. MAXINE FEINBERG, Class of 1980, on being elected President of the New Jersey State Board of Dentistry and Chair of the ADA Council on Members’ Insurance and Retirement Programs.


‘90s

DR. IRA HANDSCHUH, Class of 1990, on authoring a “Viewpoint” column on planning for emergencies in a dental practice for Dental Economics.

DR. PHYLLIS G. MERLINO, Class of 1994, on becoming a Diplomate of the American Board of Pediatric Dentistry.

‘00s

DR. CHRISTINE CALAMIA, Class of 2007, on receiving the American Academy of Cosmetic Dentistry Student Award of Excellence in Cosmetic Dentistry.

DR. ADA COOPER, Class of 2002, ADA Consumer Advisor, on appearing on the Today Show on NBC in July to talk about dental topics that are popular with consumers, including tooth whitening and other cosmetic procedures.

In Remembrance

Dr. Bruce L. Metzger, Class of 1967
Dr. Seymour L. Nash, Class of 1942
Dr. Alfred A. Schwartz, Class of 1947
We thank our benefactors

Alumni, Faculty, Friends, Corporations, Foundations, and Organizations for Their Generous Support of the College. We are proud to recognize your gifts of cash, pledge payments, planned gifts, gifts-in-kind, and pledges over $25,000, which were made between September 1, 2006, and August 31, 2007.

$5,000,000
Edward A. Fox

$1,000,000
Nobel Biocare USA, Inc.
Mukesh and Sangeeta Sethi

$250,000 - $49,999
Anonymous
Marion Brown, Stephen Chu, Paul Fletcher, Richard Smith, Jonathan Zamzok
CulinArt, Inc.
Nicholas Elia and Martha B. Miqueo
Alexander M. Mikhailov
New York Center for Specialized Dentistry
Stryker CranioMaxillofacial

$100,000 - $249,999
Anonymous
Biomet 3i
Brasseler Foundation, Inc.
Colgate-Palmolive Company
Stephen Cuchel and Martin Kane
Richard and Peggy Dantziger
GlaxoSmithKline
Consumer Healthcare
Healthplex, Inc.
Dan K. Wassong

$50,000 - $99,999
3M ESPE Dental Products
Michael C. and JoAnn Alfano
Anonymous
Anonymouse
Fuchsberg Family Foundation
Jurim Dental Studio
Harold and Sheila Litvak
Ady Palti
Pandent Corporation
Dennis and Karen Tarnow
Stanley N. Turetzky
Clarence and Alma B. Wolf Foundation, Inc.

$25,000 - $49,999
Anonymous
Charles N. and Linda Bertolami
Mark B. Birnbaum
Bob Campbell
Den-Mat Corporation
Robert Eskow Charitable Lead Annuity Trust
Yukinobu Fukuoka
Michael P. Gelbart
Kenneth W.M. Judy
Kazuko and Tetsuro Kawaguchi
JK Dental Laboratory

Services, Inc.
Jason J. Kim
Charles A. Lennon
Ching-ku Lin
Oral-B Laboratories
Lawrence Salmon
Eric Scott Studley
Estate of Josephine Suk
Louis Terracio
Richard and Edythe Vogel

$10,000 - $24,999
American Iron & Metal Company (USA), Inc.
Anonymous
Anonymous
Anonymous
Biohorizon Implant Systems, Inc.
Vincent and Christine Celenza
Citigroup, Inc.
Gerald and Georgia Curatola
Eastman Kodak Company
Jonathan L. Ference
Firestone Family Trust
Foremost Dental, LLC
William E. Gelfman
Lea Geller
Pauline Gilbert-Bader
Great White Dental Laboratory
Morimitsu Iwata
Adrian and Bianca Jurim
Ahmad Ali Khan
David L. and Roma Korris
Mary Tyler Moore Levine
Hung Chieh Lu
Leonard and Christine Marotta
Bruce A. Merriam
Northeastern
Gnatological Society
William Posner
Gerald Romanoff
Lawrence Salmon
Ege Sandalli
Robert S. Schoor
Senichi Suzuki
Ted R. Weiselberg

$5,000 - $9,999
ADA Foundation
Anonymous
American Association of Orthodontists Foundation
Ronald and Diane Broth
Takahiro Chiba
Masataka Cho
Joseph D. DeMaio
Harold Einhorn
Giovanni Favero
Jeffrey P. Feingold
Peter C. Furnari, Jr.
Andrew E. Gold
Martin and Rose Gutmacher

Family Foundation
Stuart and Maryann Hirsch
Hirofumi Inoue
Robert P. Iovino
Eiji Kato
Marina P. & Stephen E. Kaufman Foundation
Kazuko and Tetsuro Kawaguchi
Elliot Kronstein
Bor-jia Kuo
Malin M. Lai
Yon H. Lai
Ming-I Lin
Luitpold Pharmaceuticals, Inc.
Kenneth A. Malament
Kenzo Nishiyama
Betty V. Paskow Revocable Living Trust
Leonard V. Settembrini
Bernard E. Small
Jyoti P. Srivastava
Harry Stern Charitable Lead Trust
Seiji Tanaka
Tiziano Testori
George Lin Tsuo-Wen
Masami Yasufuku

$2,000 - $4,999
Anonymous
Philip H. Artenberg
Alissa Beth Bander
Memorial Foundation
Trevor Bavari
Estate of David Berlina
Mark B. Birnbaum
Gerald Bittner, Jr.
Elyse Bloom Greenfield
Marvin Carmen
Page W. Caulfield
Century 21 Associates
Kaufman Foundation

$1,000 - $1,999
H. Lee Adamo
Paul Albora
Kenneth L. Allen
Francesco Amato and Adrienne Kleinman-Amato
Anonymous
Yakir A. Arteaga and Amy Hernandez-Arteaga
Samuel W. Askinas
Amin Y. Ayoub
H. Kendall Beacham
Rajiv Bhagat
Giuseppe Bianco
Robert Carter
James Caserta
John S. Cavallaro
Geraldine H. Coles
Stephen A. Cooper
Kejen Pi Corsa
Ralph Cunningham
Dominick P. DePaola
William Smith Dodson
Anthony Steven Donofrio
Fred Dubrowsky
Parviz Edalat
Elise Sherri Eisenberg
Denise J. Estafan
Curt R. Feuer

Naoshi Hosomura
George M. Hribar
International Congress of Oral Implantologists
James M. Kaim
Vasiliki Karlis
Ralph and Jessica Kaslick
Gerald M. Klaczany
Leonard B. Kobren
Jin Hwan Lee
Charles A. Lennon
Charles Y. Lien
William and Maura Maloney
M. John Matos
Stephen J. Moss
Francis J. Murphy
New York Chinatown Rotary Foundation Trust
Takeo Ogawa
Oral Arts Prosthetics, Ltd.
Izizu Percyz
Gary J. Rappaport
Marilyn Sale
Arthur Schackman
Estate of Saul Shapiro
Walter and Jay Silverstein
Glenn C. Simonelli and Maria C. Pistocchi
Andrew I. Spielman
Thomas and Rita Startup
Robert M. Tartell
Isaac Tawil
Ultradent Products, Inc.
Mark S. Wolf
Ira Zinner

NEXUS
As part of NYUCD’s strategic planning, we are developing a formal mentoring program for all administrative, technical, and support staff.

The center in an urban environment for approximately 28 years. It has been thrilling to watch the development and transformation of people who, given the opportunity to achieve and become successful, have seized the chance to thrive both professionally and personally.

Also, for the past 20 years, I have coached basketball at the CYO, AAU, and, for the past eight years, at the high school varsity level. Throughout my coaching career, I have often invoked the metaphor of basketball as a microcosm of life that I learned from former New York Knick and US Senator Bill Bradley. In this context, teamwork, intelligence, discipline, fun, good sportsmanship, commitment, and always giving 100 percent make you not only a better basketball player, but also a person who is better prepared to deal with other aspects of life.

WHAT’S THE MESSAGE?

Mentoring of employees is a win-win opportunity wherein both sides achieve mutual gain. The protégé gains new insights, learns in the best possible environment, and grows personally; and the organization develops an employee with more knowledge, understanding, and dedication to the institution. Indeed, the importance of investing in people cannot be overstated. As Jim Collins states in his best-selling book Good to Great, Level 5 leaders (the highest level of executive capabilities) set up their successors for even greater success in the next generation.

I feel strongly that a well-planned, formally organized mentoring program will enhance an institution’s “bottom line.” Accordingly, as part of NYUCD’s strategic planning, we are developing a formal mentoring program for all administrative, technical, and support staff.

Building on the positive momentum generated at NYUCD within a little less than a decade, and combined with the arrival of a new Dean, NYUCD is well positioned to create a model for employee mentoring.

“Our goal is to be recognized as an ‘Employer of Choice’—attracting, recruiting, selecting, training, and retaining the best talent.”

Our goal is to be recognized as an “Employer of Choice”—attracting, recruiting, selecting, training, and retaining the best talent. To that end, our Office of Human Resources and Faculty Services, with its great technical expertise, will design and implement the program in consultation with the Office of the Dean and with representation from all the constituencies involved. We see this as a critical step in creating an environment that fosters the professional development of every individual within our organization.