

# Penn Dental Journal

FOR THE UNIVERSITY OF PENNSYLVANIA SCHOOL OF DENTAL MEDICINE COMMUNITY / SPRING 2008



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ON THE COVER: Pictured in the new D. Walter Cohen and Morton Amsterdam Periodontal Clinic are the two pioneers in the fields of periodontal prosthesis and periodontics for whom the clinic is named — (back, left to right) Dr. Morton Amsterdam (C'43, D'45) and Dr. D. Walter Cohen (C'47, D'50) — along with the faculty members leading those programs today — (back) Dr. Joseph Fiorellini, Professor and Chair of the Department of Periodontics and Director of the Postdoctoral Periodontal Program and (front) Dr. Ernesto Lee (GD'87), Clinical Professor of Periodontics and Director of the Postdoctoral Periodontal Prosthesis Program.



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# A Message

## FROM THE DEAN

**T**he Penn Dental Medicine community truly is a wonderful family, and I first want to take this opportunity to thank all of you — alumni, faculty, students, and staff — for your support and well wishes during my illness and recovery. Your concern and thoughtfulness encouraged and sustained me and my husband, Bob, throughout that time, and I am forever grateful. I also want to extend a special thanks to Dr. Thomas Sollecito (D'89, GD'91) for his fine leadership in my absence in his role as Acting Dean; he did an outstanding job of maintaining a strong course for the School and creating a stable, positive environment for all. So again, thank you all for what you did for me and the School in my absence and for your warm welcome upon my return in January.

As we look ahead together, this is a pivotal time for the School and the University at large with the launch, this past fall, of the most ambitious capital campaign in the School's and University's history. As part of Penn's *Making History* campaign, Penn Dental Medicine's *Leading the Profession* campaign has the goal of raising \$36 million in new resources — funds we will use to recruit and retain the most talented faculty, expand financial aid for exceptional students, and provide a model environment for research, learning, and clinical practice.

I was pleased to join in the campaign launch celebration in October (see photo highlights, page 24) where campaign co-chairs Dr. Lawrence Kessler (C'66, D'70) and Dr. Martin D. Levin (D'72, GD'74) were able to announce that the School already has a significant number of gifts and pledges — among them, a transformative gift by Henry Schein, Inc. I share more about this important contribution to the School in this

edition of the *Penn Dental Journal* (see page 6); and ask you to watch for a similar section in future issues of the *Journal*, where I will continue to highlight

## Leading the Profession

priorities of the School, and thus, our campaign.

We also have much to celebrate now with the new D. Walter Cohen and Morton Amsterdam Periodontal Clinic (see story, page 2). This state-of-the-art facility was dedicated in January and will significantly advance the study and practice of periodontics at Penn Dental Medicine as the School reaffirms its position as a prominent leader in the field for the 21st century. This tremendous new clinic would not have been possible without the leadership support of the Annenberg Foundation and the generosity of many other friends and alumni, and I thank you on behalf of our students, faculty, and staff as well as the patients we serve.

There are so many alumni who inspire us all, and also in this issue, we highlight the work of three of them — Drs. Jonathan A. Ship (C'80, D'84) and Bernard J. Costello III (D'94, M'97, GD'00, RES'00), who pursued careers in academics (see story, page 8), and Dr. Sandra Shire (D'80), who has dedicated 25 years to the Public Health Service (see story, page 29).

This is an exciting time for the School, a time when we can secure an ever brighter future for dental education. So as our campaign continues to pick up, we look to you — our distinguished alumni, faculty, and friends who share our vision. Together, Penn Dental Medicine can continue leading the profession for generations to come.



MARJORIE K. JEFFCOAT, DMD  
Morton Amsterdam Dean





# Reaffirming a Legacy of Leadership

The new D. Walter Cohen and Morton Amsterdam Periodontal Clinic creates a state-of-the-art environment for preeminence in teaching, research, and patient care.

BY DEBBIE GOLDBERG



"This is a big step forward. The new clinic

brings us into the 21st century and puts

us on the map as offering the highest

quality educational experience."

DR. JOSEPH FIORELLINI

Dr. Fiorellini is particularly pleased to note that all of the Department's top choices for the next class of new residents have accepted, and he believes that the state-of-the art periodontal clinic

is a strong selling point. "The new clinic brings us into the 21st century," says Dr. Fiorellini, "and puts us on the map as offering the highest quality educational experience."

In addition to improving the patient and teaching experience and bolstering recruitment efforts, the new clinic also is expected to have a positive impact on the Department's ability to compete for research grants. "It was more difficult before [the new clinic] to make the case for research," says Dr. Jonathan Korostoff (D'85, GR'91, GD'92), Associate Professor of Periodontics-Clinician Educator. In the previous clinic, space was cramped, equipment was stored in out-of-the-way places, and basic items such as dental chairs needed upgrading. "Penn has the reputation as a strong research institution," notes Dr. Korostoff about competing for research grants, "but they [fundors] also want to know we have the facility here to get it done."

#### A Legacy of Leadership

Indeed, Penn's legacy in the fields of periodontics and periodontal prosthesis is well established. Under the long-time guidance of the clinic's namesakes, Dr. D. Walter Cohen and Dr. Morton Amsterdam, Penn Dental Medicine has been a prominent leader in these fields for more than half a century. Dr. Cohen, who first joined the Penn Dental Medicine faculty in 1951, served as Professor and Chairman of the School's Department of Periodontics from 1963 to 1973 and Dean of the School of Dental Medicine from 1972 to 1982. Dr. Amsterdam, who became part of the School's faculty in 1953, created and directed the School's postgraduate periodontal prosthesis program during his tenure, which included serving as Professor of Periodontics and Periodontal Prosthesis from 1967 to 1992.

The two have received numerous honors for their pioneering work and dedication. Dr. Amsterdam was recognized in 2003 by the American Academy of Periodontology with the Master Clinician Award, and Dr. Cohen, a Fellow of the American Academy of Periodontology and Director of the American Board of Periodontology from 1966 to 1972, received the Gold Medal Award from the Academy in 1971.

**W**HEN DR. JOSEPH FIORELLINI, Chairman of the Department of Periodontics, came to

Penn Dental Medicine two years ago, he had two main goals: to recruit the next generation of talented full-time faculty and build a new periodontal clinic to better serve students, faculty, and patients. The connection between these two goals didn't escape him: in order to recruit the best and the brightest — post-doctoral students as well as faculty members — the department needed to offer the best possible and most advanced facilities in which to teach, practice, and care for patients.

So it is not surprising that, on a chilly winter morning just a few weeks after the January 22 dedication of the D. Walter Cohen and Morton Amsterdam Periodontal Clinic, Dr. Fiorellini surveys the new facility with great satisfaction. The 4,600-square-foot clinic is bright and sunny, clean and organized, and bustling with activity.

The new clinic includes 18 treatment areas/operators with high-sided partitions for privacy and the latest digital radiography capabilities. In addition, it boasts three spacious surgical suites, one outfitted with a camera-equipped operating microscope and two ceiling-mounted cameras for streaming live footage of cases to remote locations. The periodontal clinic also has faculty and student locker rooms, space for faculty and postdoctoral students to discuss cases, and a room dedicated to housing a new cone beam CT scanner. Designed specifically for the head and neck, it offers state-of-the-art radiographic analysis for diagnoses as well as surgical planning for implants and other complex procedures. Previously, periodontal patients had to be referred to a hospital to get this type of detailed imaging.

#### Into the 21st Century

"This is a big step forward," Dr. Fiorellini says, standing in the heart of the new clinic on the first floor of the Thomas Evans Building. On this particular morning, eight periodontal patients are being treated in operatories and another patient is comfortably settled in one of the spacious surgical suites, almost halfway through the process of having seven new teeth implanted.

Pictured: Dr. Joseph Fiorellini, Chair of the Department of Periodontics, and Dr. Ernesto Lee (GD'87), Director of the Postdoctoral Periodontal Prosthesis Program, observe a student in the new D. Walter Cohen and Morton Amsterdam Periodontal Clinic, which features 18 state-of-the art operatories and three surgical suites.



"Drs. Cohen and Amsterdam have done so much for the field of periodontics and for Penn, and we are grateful that this clinic will stand as a lasting tribute to their work and teaching," says Penn Dental Medicine's Morton Amsterdam Dean Marjorie K. Jeffcoat of the achievements the two had attained during their careers at Penn.

### Revitalizing the Department

Despite Penn Dental Medicine's long-standing reputation in periodontics, it became increasingly clear in recent years that, to stay on top in the specialties that Drs. Cohen and Amsterdam helped pioneer, the existing periodontal clinic needed to be modernized, expanded, and upgraded to offer the most-advanced technological tools available to the profession.

Jump-started with a generous \$1 million leadership gift from the Annenberg Foundation (see box, next page), the new \$3 million facility was completed in December, allowing the periodontal clinic to move back from its temporary home during construction on the third floor of the Robert Schattner Center. More than 160 alumni, supporters, faculty, staff, and friends were on hand January 22 for the dedication and celebration of this new chapter in the Department's storied history (see photo highlights, page 14).

The new clinic is part of an ongoing capital improvement plan for the School that involves the renovation of the teaching clinics in the historic Thomas Evans Building. Along with the periodontal clinic, the School completed the state-of-the-art Brainerd F. Swain Orthodontic Clinic in 2006 and the Pediatric Clinic in 2003. The next phase of capital plans will include the renovation of the School's general restorative Main Clinic (to become The Shirley and Edward Shils Clinic, see page 6) and the Endodontic Clinic, for which fundraising is currently underway.



ONE OF THE THREE SURGICAL SUITES (TOP) IS EQUIPPED TO TRANSMIT CASES LIVE VIA VIDEO. AT 4,600-SQUARE-Feet, THE NEW CLINIC IS 600 SQUARE FEET LARGER THAN ITS PREDECESSOR.

### 'A great place to learn and work'

The modern, bright D. Walter Cohen and Morton Amsterdam Periodontal Clinic was designed by the Philadelphia-based architectural firm of Buell Kratzner Powell with a host of the Evans Building's original windows lining the north wall of the clinic and adding to the warm, welcoming environment. Although the new clinic is situated in the same place as its predecessor, the space was expanded by 600 square feet and was entirely reconfigured.

"Penn was a leader in Periodontics and Prosthodontics since the inception of the specialties over 40 years ago" says Dr. Ernesto A. Lee (GD'87), Director of the Postdoctoral Periodontal Prosthesis Program. "This facility symbolizes a revitalization of our programs and signals a return to their status of preeminence at the national and international levels. It's one of the most modern clinics in the nation, with many advanced technologies available to our residents and faculty."

It's also one of the busiest. In addition to more than 60 faculty members, there are 32 postdoctoral fellows in the Department of Periodontics who

work in the clinic, including periodontal, periodontal prosthesis, and periodontic/orthodontic residents and implant fellows. There also are four visiting scholars currently working in the Department. Plus, all predoctoral Penn Dental Medicine students do rotations at some point in the periodontal clinic.

And the number of periodontal patient visits (approximately 3,700 in 2006, the last year in the old clinic space) is expected to increase given the spacious new facilities. Most periodontal patients are referred from the School's general

restorative Main Clinic, receiving treatment for everything from ongoing routine periodontal care to more complicated procedures such as dental implants, bone regeneration, and gum grafts.

The new clinic will enable Penn Dental Medicine faculty and residents not only to see more patients but also to take on more complex cases. With more space and state-of-the-art instrumentation, the surgical suites now have room for all the people needed to maintain sedation and assist with more complicated procedures that can take hours, explains Dr. Korostoff. "Now," he adds, "we can do it in a more efficient way — the way a private practice would."

With its larger operatories and surgical suites, the new clinic also allows more dental students to observe first-hand the periodontal procedures performed on patients. And thanks to the cameras positioned in one of the surgical suites, the clinic can be a classroom to even greater numbers of students, with cases streamed live to lecture halls. Another plus — these students will have the ability to ask questions in real-time to the faculty member providing care. This ability to televise live procedures to remote locations is an especially exciting prospect for many in the Department. Dr. Fiorellini says faculty members have been "tinkering" with the equipment and exploring various ways in which this capability could be used for teaching purposes — be it for a group of dental students in a nearby classroom or dental professionals across the country and around the world. He also expects to use the cameras' taping capabilities to prepare videos for conference presentations.

Dr. Farshid Sanavi (GD'85, D'87, GR'95), Clinical Professor of Periodontics, has been at Penn Dental Medicine since 1979 and he is impressed with how the new clinic has helped to improve the teaching environment and patient experience. "It's a really different experience for us now," he says. "Students like coming here, they hang around more, other postdocs come to observe," he says. "It's changed the relationships between students, teachers, and patients."

The clinic's patients, no doubt, also appreciate the larger and brighter space, increased privacy in treatment areas, and access to the most-advanced instrumentation available. "We've had patients who have been coming here for decades, and they walk in and smile," observes Dr. Korostoff. "It's like a new world to them."

From patient care and research to recruitment and teaching — it's clear that the D. Walter Cohen and Morton Amsterdam Periodontal Clinic will have a significant and positive impact on all aspects of the Department as it reaffirms

its position as a prominent leader in the field of periodontics for the 21st century. "This is a great place to learn, teach, and work, and I find there is really none other in the country that is like this," said Dr. Fiorellini at the January dedication for the clinic. "I think this is an environment where learning can really be at a maximum." **PDJ**

#### LEADERSHIP GIFT DONORS

Penn Dental Medicine is grateful to all the donors who made possible the renovation of the D. Walter Cohen and Morton Amsterdam Periodontal Clinic. Their generosity has created a state-of-the-art environment for patient care and clinical instruction. Below are the names of those donors who made leadership gifts in support of the project and have named spaces in the clinic.

- 3i Implant Innovations, Inc.
- Amsterdam/Penn Perio Study Group of Japan
- Annenberg Foundation
- Astra Tech Inc.
- The Baldinger Family  
*In memory of Dr. S. Robert Baldinger*
- The Coslet Family  
*In memory of J. George Coslet (GD'67)*
- Dr. and Mrs. Robert N. Eskow (D'67)
- Joseph E. Gian-Grasso (C'67, D'71) &  
Janice M. Gian-Grasso (GNU'77)
- Stephen F. Goodman (D'60)  
*In memory of Dr. J. Bardin Goodman*
- Fred B. Kastenbaum (D'77)
- Pasquale J. Malpeso (D'79, GD'83)
- Alan M. Meltzer (D'72)
- Masakazu Nishibori (GD'93)  
*In memory of Masao Nishibori, D.D.S.*
- Nobel Biocare
- Dr. and Mrs. Irving M. Rothstein (C'38, D'41)  
*In memory of Fan and Robert J. Rothstein*
- Dr. Kazuhiro Umehara

# A Transformative Gift

THE SHIRLEY AND EDWARD SHILS CLINIC

**P**enn takes its history seriously. You don't have to be here very long before the old buildings and quaint traditions take hold, and you start to realize that the institution is something bigger, more significant, more lasting than the mere mortals who inhabit it at the moment. I view my first duty as Dean as one of stewardship... to transmit to the next generation a School of Dental Medicine that is at least as distinguished as the one I found when I came here.

Stewardship, of course, requires money. We do our best to keep our relatively predictable sources of income (tuition, clinic fees, etc.) in balance with our wildly unpredictable day-to-day expenses (broken elevators, broken pipes, broken windows, etc.). But to maintain Penn's position of leadership takes constant investment beyond what can be set aside from ordinary sources. For advancement, we are utterly dependent on the kindness of friends — on gifts, large and small.

Now, every gift is meaningful, and we appreciate them all. But every so often, the School has been blessed with truly transformational gifts, whose importance reverberates for decades, affecting thousands of students and patients. The Thomas W. Evans Museum and Dental Institute was itself, clearly, such a gift (see sidebar, next page). More recently, the Robert Schattner Center has transformed the environment in which we deliver patient care. And now, thanks in large part to the generosity of Henry Schein, Inc., and to the vision of its Chief Executive, Stanley Bergman, we are about to transform the way we teach the practice of dentistry.

Overblown rhetoric or reality? Read on, and draw your own conclusions.

We are moving rapidly forward with a much-needed upgrade of the main teaching clinic. As you know, technology advances quickly in dentistry. We want our students to learn in a modern, safe, reliable, comfortable environment. We need energy-conserving windows, proper lighting, state-of-the-art infection control, and maintainable equipment.

Our patients deserve a pleasant, attractive environment. It is fitting, therefore, that the main clinic will be named in honor of Dr. Edward Shils, a distinguished University alumnus and probably the greatest exponent of a vigorous and innovative dental supply industry.

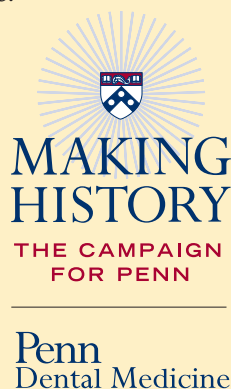
All this is important, yes, but not transformative. What the Schein gift has enabled us to do is to add an entirely new element to the educational mix: a state-of-the-art practice management experience as an integral component of dental education. When I talk with alumni about their years in dental school, I always ask what was missing — what, in the light of their subsequent experience, should be improved. Far and away, the most common response is just two words, "practice management." Sure, we try, with formal courses and guest lectures, to convey the basics of staffing, scheduling, ordering, and referrals. But the world of the dental student, with all its demands and pressure, simply doesn't prepare graduates for the completely different set of stresses they encounter in the business of dentistry. We want to do better.

We need to do better. But how?

With the encouragement of Mr. Bergman, Penn Dental Medicine and Schein are developing the "virtual practice" concept, which will see its first incarnation in the renovated Shils Clinic. Every student, upon being admitted to the clinic, will be in control of what is effectively a solo practice. And not just any practice, but one that embodies the best of today's technology and methods, including:

- chairside computers linked by a secure wireless network
- paperless records
- digital radiology and photography
- intraoral microscopy
- automated scheduling and recall
- just-in-time access to records, instruments, and supplies.

But there's more to the virtual practice than technology. We want our graduates to understand what it means to operate in the black, in an environment where dressings and amalgam don't simply materialize from a generous supply room. So, we are going to use the information collected by our various systems to simulate how each student is doing economically, as

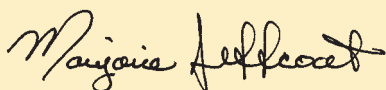




well as educationally, in the clinic. A periodic balance sheet will demonstrate, in black and white (and sometimes red), just how effectively the “practice” is using its resources. In time, we will add virtual purchasing to the bag of tricks. Of course, the School will continue to do the real ordering — we won’t send patients home untreated because of a beginner’s error — but the “virtual mistake” will be duly noted and charged against the practice. Because the student practice is virtual, or model-based, there’s really no limit to how realistic we can make it.

All this is brand new, unprecedented, unique to Penn. Our role is part inventor, part guinea pig. But we won’t be doing it alone. Thanks to the special relationship that was made an integral part of their gift, Henry Schein’s experts will be working in partnership with us to make it all work. As we gain experience, we’ll pass it on through continuing education and other mechanisms. In a few years, expect to see this latest “Philadelphia Experiment” become the norm.

So when will our new clinic be ready? Good question, simple answer: we can start when we have the money in hand. The marvelous Schein gift, along with others, has given us a good lead off second base. Now it’s time for the rest of us to step up to the plate. The Shils Clinic offers many opportunities to link your name, or that of someone you wish to honor, with a world-class facility. My parents made it possible for me to become a dentist; what better way to thank them than with an operatory that will be used by hundreds of future dentists? But that’s just one example. You learned your profession in this room. Let’s hand it on, even better, to the next generation.



MARJORIE K. JEFFCOAT, DMD  
Morton Amsterdam Dean

*To learn more about the new Shils Clinic or to discuss making a gift to the School of Dental Medicine, please contact the Office of Development and Alumni Relations at 215-898-8951 or Dean Marjorie Jeffcoat at 215-898-8941, [jeffcoat@dental.upenn.edu](mailto:jeffcoat@dental.upenn.edu).*

### The Thomas W. Evans Museum and Dental Institute

The vision of the School’s first major benefactor — Dr. Thomas W. Evans (1823–1897) — led to one of the most transformative gifts in the School’s history and one of the most celebrated in dental education in its day. Dr. Evans (a Philadelphia native who became an accomplished clinician, renowned diplomat, and the dentist and confidant to European nobility, including Napoleon III) left his fortune to create a dental school on the site of his family’s home at 40th and Spruce streets. According to his will, it was “to be conducted as such institutions of learning are now conducted in Philadelphia and not inferior to any already established.” Fifteen years after Dr. Evans’ death, his bequest would ultimately become one with the University of Pennsylvania, creating The Thomas W. Evans Museum and Dental Institute School of Dentistry, University of Pennsylvania and growing into the School we know today.

Ground breaking for the Institute took place September 24, 1912, and a two-day dedication celebration was held February 22 and 23, 1915, with the press hailing the event as the “greatest in dental history.” Approximately 2,000 people gathered for the dedication, including members of the dental profession from across the country and around the world, who came to participate in the 67 table clinics and presentations held as part of the festivities and to see the landmark building, state-of-the-art for the time. Among the most impressive features of this grand, collegiate Gothic building (designed by John Windrim) was the main clinic in the north wing — the space that will become The Shirley and Edward Shils Clinic. At 200 feet long and 48 feet wide, it had 30-foot ceilings with a glass wall of windows on the north side and 10-foot windows extending onto a portion of the roof, bathing the clinic in natural light. Large laboratories with windows similar to those in the clinic occupied the south wing on the third floor, and other key features included an 87 x 43-foot lecture hall on the second floor, and a library (illuminated by a window in the 84-foot tower above the building’s main entrance), housing what was considered the world’s most important and extensive collection of dental literature at that time.

Dr. Edward C. Kirk (Dean from 1897–1917) played an active role in guiding the building’s construction, capturing the significance of this new facility and the Evans gift in his dedication ceremony remarks. Stating, “In the creation of this new center of dental educational activity, its faculty realizes that the weight of responsibility imposed upon them bears a direct relation to the opportunity which the benefaction of Dr. Evans has made possible, the responsibility as he himself expressed it of ‘placing our profession on more commanding ground and making it better serve the generation in which we live.’ The Institute has been created in harmony with the spirit of the modern professional requirements in dental education. From whatever standpoint one may consider the new Institute, it is without parallel, either as to construction, equipment, organization, or completeness for the purpose for which it was created.” (*Source: Old Penn, Weekly Review of the University of Pennsylvania, February, 1915*)



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## In the Halls of Academe

*With leading edge research and clinical care, alumni like Jonathan A. Ship (C'80, D'84) and Bernard J. Costello III (D'94, M'97, GD'00, RES'00) are making an impact through academic dentistry, as Penn Dental Medicine opens doors for students to do the same.*

BY JENNIFER BALDINO BONETT





AS DR. JONATHAN A. SHIP (C'80, D'84) makes his rounds at the Leonard I. Bluestone Center for Clinical Research, he feels he's living a dream come true.

The Bluestone Center, which Dr. Ship directs and helped to establish in 2002 at New York University (NYU), is the largest dental school-based research facility in the U.S. built specifically to investigate promising new medical and dental treatments before they are available on the market. The Center wins approximately \$4 million in research funding annually, and at 8,500 square feet, it is the only one of its kind with beds for patients who require overnight monitoring. For Dr. Ship, the Bluestone Center is a momentous milestone in nearly 25 years dedicated to making a lasting difference in oral health. And it could happen only in academic dental medicine.

As Professor of Oral and Maxillofacial Pathology, Radiology and Medicine at the NYU College of Dentistry and Professor of Medicine at the NYU School of Medicine, this Penn Dental Medicine alumnus is among those who have chosen to blend teaching, research, and clinical interests. However, even as he and others extol the benefits of a career in academia, dental medicine is facing a potential crisis as fewer graduates choose to follow in their footsteps.

In the March 2008 edition of the *Journal of Dental Education*, the American Dental Education Association (ADEA) published a report on vacant budgeted positions in U.S. dental schools. In 2006–07, the number topped 400. That fact plus the impending retirement of large numbers of dental and allied dental faculty members has led the ADEA to underscore “pressing needs to attract practitioners to dental education and to encourage new faculty to stay.”

Dr. Ship is doing his part. “It’s an uphill battle for all institutions across the country,” he says candidly. “However, we try very hard to show our students that an academic career is very fulfilling, that you can be a great clinician and contribute to science.”

Highly respected on both of these fronts himself, Dr. Ship is leading by example. Based on his training at Penn Dental Medicine, his endeavors in research, teaching, and practice are helping to bring about cutting edge improvements to oral health. At the Bluestone Center, he is part of a team of physicians, dentists, and nurses from the NYU College of Dentistry, the College of Nursing, and the School of Medicine that

conducts outpatient and overnight Phase I – IV research studies in a full spectrum of medical, dental and nursing areas. Among the medical trials are studies on analgesics, anti-inflammatory drugs, sedatives, cancer therapy, and sleep apnea treatments. Oral health trials address such areas as new dental devices and restorative materials, dentifrices and whitening agents, drymouth and mucositis, oral lesions and cancer, periodontitis, implants, and oral facial pain.

Currently, Dr. Ship’s own research includes a seven-year, \$26.7 million study, Practitioners Engaged in Applied Research and Learning (PEARL), funded by the National Institute of Dental and Craniofacial Research (NIDCR). “PEARL addresses a major problem in clinical dentistry and

medicine: the separation of research from where it is conducted, usually in academic health care institutions, from patient health care delivery, which occurs in private practice,” explains Dr. Ship. PEARL brings clinical research opportunities directly to a network of some 125 private practice dentists from a 10-state region in the Northeast, who have been specially trained in clinical research for PEARL. Dr. Ship and his colleagues at NYU collaborate with the private dentists to develop and implement clinical investigations, which are then carried out in private practice settings. He reports that PEARL is already producing data, generated by private practitioners, that will affect directly the delivery of

oral health services. “This is a unique opportunity for academia to partner with private practitioners,” says Dr. Ship. “We’ve found great responses from our dental colleagues, including many Penn Dental graduates who are active participants.”

Dr. Ship’s full body of research and his overall contributions to the field of oral medicine earned him the 2007 Samuel Charles Miller Award from the American Academy of Oral Medicine, the discipline’s highest recognition. The Penn Dental Medicine Alumni Society recognized his achievements as well last year with an Alumni Award of Merit. While academic dentistry has brought great successes and ran in the Ship family (his father, Dr. Irwin I. Ship (GM’65), served as Professor of Oral Medicine at Penn Dental Medicine), the younger Ship’s path into it “came as a surprise.”

“I wasn’t the quintessential person working in someone’s lab and presenting at research meetings,” he recalls. “But Penn Dental changed the way I look at myself, the profession, and how I could make a difference.”



DR. JONATHAN SHIP (C'80, D'84), RIGHT, COMBINES TEACHING, RESEARCH, AND CLINICAL INTERESTS IN HIS POSITION WITH THE BLUESTONE CENTER AT NYU.



A fellowship in Oral Medicine and Clinical Dental Research at the NIDCR from 1987 to 1989 sealed his decision to make his career in academic dental medicine. The NIDCR then offered him the position of senior investigator and coordinator of its oral medicine training program. In 1992, Dr. Ship left the NIDCR to chair the Department of Hospital Dentistry at the University of Michigan. There, he was able to further his research interests in oral cancer in the elderly, leading interdisciplinary collaborations between Michigan's Dental and Medical schools. "I was bridging the two institutions," he says. "It was a wonderful crossover among dentistry, medicine, and aging." Those collaborations led to a career high point: directing geriatric dentistry at the then-new University of Michigan Cancer and Geriatrics Center.

Today, at the Bluestone Center, the pages are still turning for Dr. Ship as his story of rewards within academic dentistry continues. "Academic dentistry is a fantastic profession," he says. "I have unique opportunities to change the way we deliver health care services — and that's a great privilege."

### Changing Children's Lives

For another Penn Dental Medicine alumnus in academic dentistry — Dr. Bernard J. Costello III (D'94, M'97, GD'00, RES'00) — one of the great privileges of his work is the trust of his patients and the long-term relationships he builds with them. As an oral and maxillofacial surgeon, he meets his youngest patients even before they are born, and often works closely with their families for a decade or more. As a subspecialist in pediatric craniofacial surgery at the University of Pittsburgh, Dr. Costello treats children with cleft lips and palates, and craniosynostosis. In craniosynostosis, a disorder that occurs in approximately 1 of 4,000 live births, the suture, or connecting areas of skull bones, fuses together, restricting the growing brain and creating craniofacial deformities.

Dr. Costello performs surgery to repair cleft lips and palates and treat craniosynostosis as early as weeks to months after birth. He continues to follow most of these children's growth and development, and performs further surgery when needed throughout their childhood years.

Dr. Costello decided early on to make a career in academic dental medicine, and this is a thrilling time in his specialty. In addition to his surgical practice, he conducts research in craniosynostosis with a number of collaborators from different specialties. "Over the last decade, there has been an explosion of knowledge about this disorder," he says. The University of Pittsburgh is a leader in the latest research, as the only institution in the world with a genetically heritable rabbit model of the disorder.

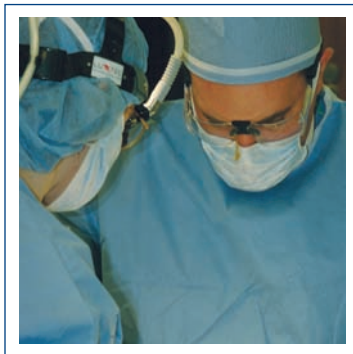
The interdisciplinary research is a premier example of what Dr. Costello loves about working in academics. "That's one of the joys of working at a university: Collaboration," he says. "In a setting like this, I have the opportunity to interact regularly with specialists from genetics, neurosurgery, anthropology, speech pathology, pediatrics, orthodontics, and a number of others."

Dr. Costello holds multiple titles at the University of Pittsburgh: Associate Professor, Program Director, and Chief of Craniofacial and Cleft Surgery at the School of Dental Medicine; and Chief of Pediatric Oral and Maxillofacial Surgery at the Children's Hospital of Pittsburgh. He joined the faculty

at Pitt in 2001 and is a founding member of Pitt's Fetal Diagnosis and Treatment Center, one of the few such interdisciplinary centers in the country where patients are seen before they are born. He is also on the faculty of Pitt's new Tissue Engineering Center, which works closely with the university's McGowan Center for Regenerative Medicine. Dr. Costello believes that "the promise of regenerative medicine has the potential to revolutionize how we reconstruct challenging problems in our patients with clefts and craniosynostosis, as well as patients who require jaw reconstruction or dental implants."

Like his colleagues around the country, Dr. Costello is dedicated to recruiting students into academic dental medicine. In fact, in 2002, he received the Faculty Educator Development Award from the Oral and Maxillofacial Surgery Foundation, which recognizes shining stars in academic surgery, particularly those working to develop their careers in a strong university setting.

He credits Penn Dental Medicine with showing him how. "What I appreciated most about Penn Dental is that it offered me the tools and the opportunity to follow any career path I chose," he says. "I was able to tailor my dental degree and



AS A SUBSPECIALIST IN PEDIATRIC CRANIOFACIAL SURGERY, DR. BERNARD COSTELLO III (D'94, M'97, GD'00, RES'00), RIGHT, TREATS CHILDREN WITH CLEFT LIPS AND PALATES.

residency training to meet my individual goals and take me exactly where I wanted to go.”

### Preparing Tomorrow’s Leaders

Current Penn Dental Medicine students like Laura A. Darnell are finding the same opportunities. Although she spent several years after college determining her career path, Ms. Darnell says, “I entered dental school with very specific career goals in mind — teaching and patient-centered research.”

She came to the right place. In 1999, Penn Dental Medicine launched an innovative DMD/PhD program in collaboration with Johns Hopkins University as one option for those students interested in academic dentistry. Darnell, the first student to enter the program, is currently completing her doctoral research in materials science and engineering at Johns Hopkins. Her dissertation focuses on altering the properties of primers to improve the bonding systems used in composite bonding to dentin. “I hope to gain a different perspective on certain areas in dentistry that need change,” she says. “In the clinic at Penn Dental Medicine, I have first-hand knowledge of areas that need improvement, while my research training at Hopkins is providing me with the means to find solutions to those problems.”

The DMD/PhD program is one example of ways Penn Dental Medicine encourages and prepares students for careers in academic dental medicine, says Dr. Edward J. Macarak (GR’73), Chair of Anatomy & Cell Biology. He was a co-founder of the DMD/PhD program and is the liaison between Penn Dental Medicine and Johns Hopkins. “Laura really represents the future of academic dentistry; schools like Penn absolutely need individuals like her,” says Dr. Macarak. “Penn Dental Medicine engages students from every angle to introduce them to the many gratifying aspects of academic dental medicine and gives great support to students who pursue this path.”

All students have the opportunity to get involved in hands-on research and gain real-world experience in both clinical and basic science investigations with the School’s faculty. For students with more established ideas about their career paths, in addition to the PhD/DMD program with Johns Hopkins, Penn Dental Medicine offers several dual-degree programs

with other Penn schools, among them Education (MSEd), Bioethics (MSBE), and Clinical Epidemiology (MSCE). At the national level, the American Association of Dental Research and the ADEA offer the Academic Dental Careers Fellowship Program. Currently, Penn Dental Medicine student Sweta Shah (D’08) is a fellow in the program (see story, page 17).

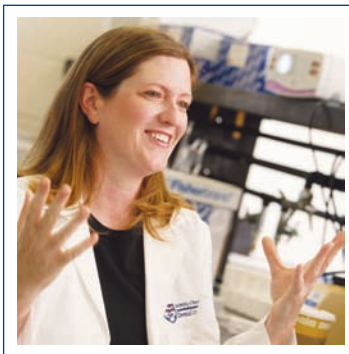
Lindsay Pfeffer (D’08) is another one of the up-and-coming academics ready to take the profession forward. Last

summer, Ms. Pfeffer was one of six dental students nationwide chosen by the American Student Dental Association (ASDA) to participate in a one-month externship at the American Dental Association (ADA) headquarters in Chicago. As an administrative extern, she worked closely with the ADA and ASDA to become more familiar with all facets of organized dentistry and attended management classes at Kellogg School of Management at Northwestern University.

“It was the best experience I’ve ever had,” says Ms. Pfeffer, daughter of the late Dr. William Pfeffer, Jr. (D’74). “It moved me to think beyond my patients and my practice and to see the greater picture of dentistry and how all the facets interlink, well beyond the confines of basic dentistry, to make it such a great profession.”

She anticipates a career that combines organized dentistry, teaching, research, and clinical practice and looks forward to being, as she puts it, “one of the multi-taskers.” At Penn Dental Medicine, she already is. In addition to her DMD, Ms. Pfeffer is pursuing a Master’s in Bioethics. She has also been active in research throughout her time at the School, earning top honors with a first place win in the Basic Science and Research category of the 2006 Annual American Dental Association Student Clinician Program. And this fall the national chapter of ASDA elected her to its board as a trustee for District 3, which includes Penn.

Ms. Pfeffer credits Penn Dental Medicine with helping her think boldly about her academic experience and her career. “There are so many good things about this School,” she says. “The opportunities you have here definitely cater toward your becoming a different kind of dentist.” **PDJ**



WITH AN INTEREST IN ACADEMIC DENTISTRY, STUDENT LAURA DARNELL IS PURSUING A DUAL DMD/PHD DEGREE THROUGH A COLLABORATIVE PROGRAM WITH JOHNS HOPKINS UNIVERSITY.

# On Campus

## NEWS



Student Gloria Hwang (D'09), right, helped to conduct screenings of Mississippi residents as part of the service trip.

### Students, Faculty Reach Out to Community Devastated by Hurricane Katrina

Penn Dental Medicine students and faculty are sharing their skills and expertise with Gulf Coast residents who continue to be affected by Hurricane Katrina. As part of the Penn in the Gulf: SP2 Feldman Initiative, they have teamed with Penn's schools of Social Policy & Practice (SP2), Nursing, and Engineering and Applied Science to help address the health-care and social-services crisis that remains in Hancock County, Miss., more than two and a half years after Katrina devastated the region. Penn's SP2 launched the program this past fall, and since then, expanded it to include the other schools in an interdisciplinary approach to the challenges facing the area.

Hancock County is "the forgotten part of the Katrina disaster," says Project Coordinator Connie Hoe (SW '07) of SP2. "In fact, Pearlinton [in Hancock County] had contact with the

eye of the storm." Along with health-related issues, such as the safety of the water supply and access to care, observers have noted that after the hurricane, suicide, suicide attempts, and instances of child abuse and domestic violence had skyrocketed, adds Hoe. There also was a surge in cases of post-traumatic stress disorder and depression.

In January, more than 30 volunteers from the four schools went to Hancock County to host a health fair that attracted more than 300 people from approximately 100 households. Penn Dental Medicine students Amit Rajani (D'09), Gloria Hwang (D'09), and Sam Tam (D'09), along with Dr. Robert Collins (D'71), Director of the Division of Community Oral Health, and Dr. Joan Gluch (GR'92), Director of Community Health, were among the participants, providing dental screenings; oral health education; and tooth-

brushes, toothpaste, and floss to area residents attending the fair.

"An initial survey of Pearlinton residents, conducted on previous visits by SP2, revealed that dental care was among the highest self-identified areas of need," says Mr. Rajani. "After Katrina hit, access to dental care in the area became a problem. Our objective was to assess the current situation, identify dental resources in and around the community, and come up with a plan to address the dental needs of the residents."

The students and faculty from Penn Dental Medicine worked with the Dental Director for Mississippi to conduct the screenings and met with staff from Coastal Health Care, a federally qualified health center, to understand access to health care and dental care for low income residents of Hancock County. They also attended a meeting of the Mississippi Dental Association to explain the Penn in the Gulf Initiative and learn more about access to dental care in the Gulf Coast counties of Mississippi.

During the visit, engineering students worked to repair a septic tank of a sinking home and sampled over 50 wells for water contamination, while nursing and SP2 students interviewed residents to assess the local health concerns. The students from all four Penn schools involved in the Penn in the Gulf: SP2 Feldman Initiative presented their findings from the Hancock County visit at a public panel discussion held on Penn's campus February 18.



The next steps include fully analyzing the data gathered from the screening examinations and completing a report with recommendations for follow-up. "Although we enjoyed thoroughly the visit to the area and the personal interactions with residents, our first priority would be to develop local options for dental care services to assure a greater probability of continuity of care," says Dr. Collins. "Nonetheless, an option will be considered for our students to return at a later date if necessary and provide dental services under appropriate faculty guidance."

Looking at the bigger picture, Penn in the Gulf's long-term goal is to produce a disaster-relief model that can be replicated by any university across the country. Program organizer Richard J. Gelles, Dean of Penn's School of Social Policy & Practice, noted at the panel discussion that "other schools are reading about what we're doing and thinking about inter-institutional partnerships. We're building something from the ground up, which is a result of our students."

#### **Penn Dental Medicine Sophomores Mentor Penn Predental Students**

While the process of entering dental school can feel overwhelming, current Penn Dental Medicine students are helping to ease concerns for prospective students. On November 8, 2007, more than 30 second-year Penn Dental Medicine students gathered in the Robert Schattner Center Henry Schein Atrium to share their experiences with University of Pennsylvania predental undergraduates and post-baccalaureate students interested in dentistry. This "Sibling Meet & Greet" was just one part of the Penn Predental Mentor Program, designed to support and encourage students considering a career in dental medicine.

Organized by Jackie Tome (D'10) and Lauren Kovalski (D'10), community service chairs for the Class of 2010, this special event included food, music, a tour of the School and its facilities, and most importantly, the pairing of

student mentors with mentees. The primary goal of the day was to give mentors and mentees an opportunity to visit and provide time for mentors to share advice on such things as which classes to take, what kind of workload to expect, strategies for time management, and what the environment is like as a new dental student. The pairs also exchanged contact information and the mentors encouraged mentees to stay in touch during the application and transition process.

"We were very pleased with the turnout for the event," says Ms. Tome. "Everyone was enthusiastic and interested in sharing useful knowledge about their experiences." Corky Cacas, Director of Admissions, and Sue Schwartz (GED '75), Assistant Dean for Student Affairs, were also on hand to answer questions.

At press time, plans were underway to schedule a session with mentees in the School's Advanced Simulation Laboratory. And additional plans for the Mentoring Program include shadowing opportunities, a sit-down dinner, and an admissions workshop, all with the goal of keeping the lines of communications open.

The Mentoring Program was originally started in 2006 by Gloria Hwang (D'09), Predental Chair within the School's American Student Dental Association (ASDA). "We are committed to helping bridge the gap between those with an interest in dentistry and students in dental school," says Ms. Kovalski. "The application process itself can be daunting. Our goal is to help alleviate some of that anxiety."

#### **NIH Video Highlights Women in Dental Research, Features Dean Jeffcoat**

Penn Dental Medicine's Morton Amsterdam Dean Marjorie K. Jeffcoat is one of three U.S. dental researchers featured in a new educational video produced by the National Institutes of Health (NIH). Released in December 2007, the 23-minute video, titled "Women in Dental Research," is the fifth in a series called "Women Are Scientists," developed by the NIH

Office of Research on Women's Health and Office of Science Education to encourage young girls to consider research careers. It is targeted to girls in eighth grade and up who are making decisions about taking advanced math and science classes.

In the video, Dr. Jeffcoat talks about the joy she gets out of her research, in seeing patients, and in collaborating with others, including her engineer husband, Robert, with whom she's designed various dental instruments. "[Collaboration] is more important as every day goes on" she says in the video, "because nobody knows everything, nobody has every creative idea."

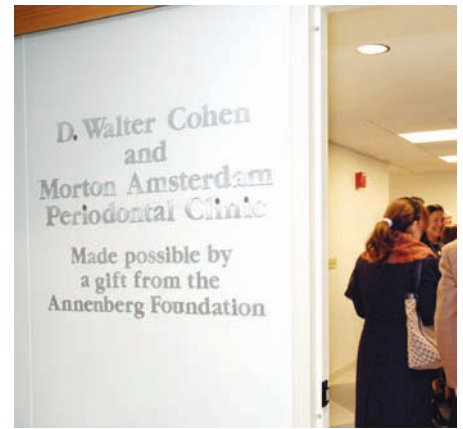
The video focuses on her research into the connection between poor oral health in pregnant women and preterm birth, and her work in the development of a non-injectable oral anesthetic. She also talks about how a career in dentistry doesn't preclude having a fulfilling family life. The other researchers featured in the video include Jennifer Webster-Cyriaque, Associate Professor at the University of North Carolina Chapel Hill, and Deborah Greenspan, a Clinical Professor at the University of California San Francisco (UCSF) School of Dentistry and Clinical Director of the UCSF Oral AIDS Center.

The additional videos in the "Women in Science" series address women surgeons, pathologists, and researchers in a variety of fields and women scientists with disabilities. "In each of these areas, we selected outstanding women role models to inform and encourage young girls to consider the fields of research and science as career options," said Gloria Seelman, executive producer.

Some 10,000 copies of the video on DVD will be distributed to middle and high schools, at teachers' conferences, and to medical schools and other institutions that can use the series for outreach to their communities. Copies of the video are available from the NIH through its web site.

### D. Walter Cohen and Morton Amsterdam Periodontal Clinic Dedication

On January 22, more than 160 alumni, supporters, faculty, students, and staff gathered for the dedication of the D. Walter Cohen and Morton Amsterdam Periodontal Clinic, celebrating the addition of state-of-the-art clinical care and educational resources and honoring the two respected leaders in the field of periodontics for whom it is named. "This clinic is a great environment for learning, teaching, and working, and we are pleased to honor the legacies of Drs. Amsterdam and Cohen through it," said Dr. Joseph Fiorellini, Chair of the Department of Periodontics of Penn Dental Medicine, at the dedication ceremony. See story, page 2, to learn more about the clinic and what it brings to the School.



photos: Candace diCarlo



**1** Morton Amsterdam (C'43, D'45), Morton Amsterdam Dean Marjorie K. Jeffcoat, D. Walter Cohen (C'47, D'50), and Professor and Chair of the Department of Periodontics Joseph P. Fiorellini.

**2** Adjunct Professor of Periodontics Arnold Weisgold (GD'65) and third-year periodontal/prosthesis resident Oscar Gonzalez (GD'09).

**3** Penn Dental Medicine Overseer Joseph Gian-Grasso (C'67, D'71) and Farshid Sanavi (GD'85, D'87, GR'95), Clinical Professor of Periodontics.





## Pioneering Oral Medicine Text Retains Ties to Penn Dental Medicine

The publication of the 11th edition of *Burket's Oral Medicine* earlier this year marked more than 60 years that this seminal text for the specialty has been synonymous with Penn Dental Medicine. Dr. Martin Greenberg (GD'68), Professor of Oral Medicine and Associate Dean of Hospital Affairs served as senior editor of this latest edition with alumni — Drs. Michael Glick (GD'88) and Jonathan Ship (C'80, D'84) — as co-editors, and 9 other faculty and alumni contributing as well. This 11th edition was released by BC Decker, Inc. in January.

The first edition, published in 1946, was written by Dr. Lester Burket (D'32), Professor and Chair of Oral Medicine at Penn Dental Medicine at the time and a pioneer in the field of oral medicine, who was considered by many to be the father of the discipline. Dr. Burket (1907–1991) also served as Dean of Penn Dental Medicine from 1951 to 1972.

"There are still many Penn people involved with the book," observes Dr. Greenberg, who also served as senior

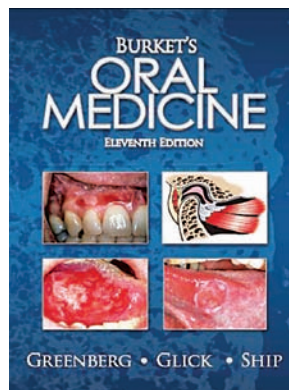
editor of the previous edition, published in 2003, and has been contributing to the book since the 7th edition. The other Penn Dental Medicine faculty contributors to this most recent release include Dr. Sunday Akintoye, Assistant Professor of Oral Medicine; Dr. Faizan Alawi, Assistant Professor of Pathology; Dr. Andres Pinto (D'99, GD'01, GR'07, M'10), Assistant Professor of Oral Medicine—Clinician Educator; Dr. Thomas Sollecito (D'89, GD'91), Professor of Oral Medicine—Clinician Educator; and Dr. Eric Stoopler (D'99, GD'02), Assistant Professor of Oral Medicine—Clinician Educator. Other Penn Dental Medicine alumni contributing include Dr. Bruce Blasberg (D'70, GD'76) of University of British Columbia, Dr. Scott DeRossi (D'95) of Medical College of Georgia, and Dr. David Sirois (D'87, GD'92, GR'93) and Dr. Mahvash Navazesh

(D'83, GD'78) of University of Southern California.

"While Penn continues to have a strong presence in the book, one of our goals with this latest edition was to make it international by inviting contributors from universities and medical centers from around the world," says Dr. Greenberg, noting that they also added to the scope of the text by adding authors from different schools in the U.S. as well as the National Institutes of Health.

Along with providing comprehensive updates on the management of severe diseases affecting the oral mucosa and salivary glands,

this new 23-chapter edition includes the addition of chapters on genetics, pharmacology, and headache and expanded coverage of transplantation medicine, facial pain, and temporomandibular disorders. Also new to this edition is full-color photography throughout and a CD supplement that features case reports and an expanded bibliography.



# aca

## alumni council on admissions

- functions as an on-campus resource answering questions about the Penn application process for alumni children and grandchildren
- offers on-campus interviews during the admissions process for legacy applicants once they have completed the 11th grade

### Please Remember:

- The best use of the alumni tie is to apply Early Decision.
- Applicants who would like an on-campus interview with the Alumni Council should plan to complete it before application deadlines (Early Decision—Nov.1, Regular Decision—Jan. 1). Please call 8 weeks in advance.
- We encourage you to arrange your interview during the summer months before you complete your application.



Penn

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# On Campus

## PEOPLE

### Dean Jeffcoat Honored with PDA Recognition Award

**Morton Amsterdam Dean Marjorie K. Jeffcoat** has been honored by the Pennsylvania Dental Association (PDA) for her dedication to dental research and education as the 2008 recipient of the PDA Recognition Award. The award was presented during the PDA's 2008 Annual Session House of Delegates Meeting, held April 10 at Hotel Hershey, Hershey, Pa.

This prestigious award is presented annually to a dentist who has contributed original research, or whose significant achievements and high standards have been of such character as to have materially aided and advanced the science and art of dentistry; or whose public life and activities have been of such a nature as to reflect great credit upon the health profession.

Dr. Jeffcoat was unanimously nominated for the award by the Philadelphia County Dental Society Board of Governors and selected by the Annual Awards Committee of the PDA, made up of five immediate past presidents of the PDA. "The PDA is pleased to honor Dr. Jeffcoat with the esteemed 2008 Recognition Award and commends her for her long-time dedication to the fields of teaching and research in the dental profession," noted a PDA spokesperson.

Dr. Jeffcoat's career as an educator and researcher has been distinguished with a variety of leadership roles. Having held the Deanship at Penn Dental Medicine since 2003, Dr. Jeffcoat is a member of the National Institutes of Health-NIDCR Advisory Committee for Research on Women's Health and has also served on the

editorial boards of a number of professional research journals, including the *Journal of the American Dental Association* for which she was the first woman to hold the position of editor. Prior to joining Penn Dental Medicine, Dr. Jeffcoat served as Assistant Dean of Research and Professor and Chair of the Department of Periodontics at the University of Alabama School of Dentistry. While at Alabama, she was also a Professor of Biomedical Engineering, held the James Rosen Endowed Chair of Dental Research, and served as Interim Chair for the Department of Oral Biology. A graduate of the Harvard School of Dental Medicine, she also taught periodontology there for 10 years. Dr. Jeffcoat is a member of the Institute of Medicine, the International College of Dentists, and a past president of the Academy of Osseointegration, the American Association for Dental Research, and the International Association for Dental Research.



Morton Amsterdam  
Dean Marjorie K.  
Jeffcoat

### Dr. Peter D. Quinn Elected President of American Society of Temporomandibular Joint Surgeons

**Dr. Peter D. Quinn (D'74, GD'78)**, Louis Schoenleber Professor and Chair of Oral and Maxillofacial Surgery and Pharmacology at Penn Dental Medicine and Chair of the Department of Oral and Maxillofacial Surgery at the Hospital of the University of Pennsylvania, was recently elected president of the American Society of Temporomandibular Joint Surgeons (ASTMJS). The nonprofit organization



Dr. Peter D. Quinn  
(D'74, GD'78)

is composed of maxillofacial surgeons, orthopedic surgeons, plastic/reconstructive surgeons, and oral surgical specialists dedicated to promoting education, research, and clinical care for disorders of the

temporomandibular joint. Dr. Quinn has been a member of the Society since 1989, serving as treasurer and vice president for the last two years.

During his two-year term, Dr. Quinn hopes to expand membership, both nationally and internationally. "The society has always had a goal of setting the standard of care by looking at evidence-based studies from around the globe, not just in North America," says Dr. Quinn. Membership in the organization is currently restricted to 50 qualified North American and international surgeons. The organization's annual meeting has a much higher attendance since members are

allowed to extend invitations to interested guests. Nearly 70 percent of Dr. Quinn's practice is dedicated to temporomandibular joint surgery, and the majority of that is dedicated to alloplastic reconstruction of the joint.

Another vision Dr. Quinn has for the organization is to enhance its educational role, encouraging shared knowledge between surgeons at ASTMJS-sponsored conferences, which will help to increase the society's impact as a whole. A joint meeting with the British Society of Temporomandibular Joint Surgeons is planned for the annual meeting in 2010. Dr. Quinn will be installed as president of the ASTMJS in February of 2009.

#### Student Explores Academic Dentistry Through ADEA/AADR Fellowship

Fourth-year student **Sweta Shah (D'08)** was one of 10 dental students nationwide chosen to participate the 2007 Academic Dental Careers Fellowship Program (ADCFP). The year-long program began this past summer and has run throughout the 2007-2008 academic year. Sponsored by the American Dental Education Association (ADEA) and the American Association for Dental Research (AADR), the ADCFP is designed to encourage dental students to consider careers in academic dentistry and provides participants with comprehensive exposure to all aspects of the field so they will be able to make informed decisions about pursuing an academic career.

Ms. Shah, the first Penn Dental Medicine student to participate in the program, was encouraged by Dr. Najeed Saleh (GD'83, D'94), Clinical Associate Professor of Restorative Dentistry, to apply. "As her group

leader for a year, I noticed her skills and talents and believed she would benefit from this opportunity," says Dr. Saleh, who also has served as her mentor for the program. "Sweta was selected because she has the potential to fit in this role very well."

The fellowship began with a one-and-a-half day training session in Virginia for both fellows and mentors. Participants got to know each other and learned what was expected of them. The ADCFP's main components consist of conducting faculty interviews, from junior faculty to the Dean; completion of a research practicum, which was di-

rected by Dr. Markus Blatz, Chair and Professor of Restorative Dentistry-Clinician Educator; and teaching in four different settings, including the clinic, a lab, a small group seminar, and in a didactic lecture format.

Throughout the year, Ms. Shah had bi-weekly meetings with Dr. Saleh and Dr. Robert Collins

(D'71), Director of the Division of Community Oral Health, for guidance on how to achieve her goals. "The work was challenging," says Ms. Shah. "I got a lot of encouragement from Drs. Saleh and Collins, in addition to reminders from collaborators at the ADEA, who were in charge of the fellowship and keeping students on track."

The final portion of the program involved a poster presentation at the ADEA Annual Session, held in Dallas on March 29 through April 2. At the end of June, all participants must submit a portfolio of everything they've learned and experienced during the fellowship. In addition, an initial careers reflection essay, written before the fellowship, is compared with one written afterward to assess what insight the participant gained during the program.



Sweta Shah (D'08) and Dr. Najeed Saleh (GD'83, D'94)

Ms. Shah was recently accepted to the School's postdoctoral endodontics program and says she is now more likely to pursue a career in academic dentistry after her postdoc training, insisting that she wants to have a hand in teaching after the ADCFP experience.

"There are about 400 vacancies for academic positions in U.S. dental schools," says Dr. Collins. "It's been an increasing challenge to recruit new graduates, because private practice can be very lucrative. Nonetheless, the ADCFP is a fabulous program for students who have an interest in teaching to get their feet wet."

The ADCFP began in 2006 with a grant from the American Dental Association Foundation and has been supported by AADR and ADEA for the last two years. The AADR and ADEA announced early this year that they will continue their sponsorship of the ADCFP for the 2008-2009 academic year.

#### Students Recognized With Scholarship Awards

A number of Penn Dental Medicine students have been recognized for their academic achievements through scholarship awards — all of which helped to offset their tuition costs for this 2007-2008 academic year. The scholarship programs and recipients include the following:

*Dr. Clement C. Alpert and Sandra K. Alpert Scholarship*, a one-year scholarship awarded annually to second-year students who show strong potential and demonstrate financial need. Dr. Clement Alpert (C'32, D'34) and his wife, Sandra, established this endowed scholarship fund in 2006, which will continue to help more students each year as it continues to grow. *Recipients: Heather Desh (D'10) and Melinda Tsai (D'10).*

*National Health Service Corps Scholarship*, a highly competitive scholarship offered to students in return for their commitment to work in an underserved area after graduation. Recipients work one year for each year of scholarship support, which includes full payment of tuition, fees, and books, along with an annual stipend. *Recipients: Gloria Hwang (D'09), Marshall Montgomery (D'09), and Sylvia Lee (D'09)*, all of whom will receive the scholarship for their fourth year as well. There are currently four other National Health Service Corps scholars within the Penn Dental Medicine student body.

*ADEA/Johnson & Johnson Healthcare Products Preventive Dentistry Scholarships*, presented annually to predoctoral dental students who have demonstrated academic excellence in preventive dentistry. Twelve recipients are selected each year from dental schools throughout the country; the 2008 awards were presented during the 2008 ADEA Annual Session, held in Dallas, March 29 – April 2. *Recipient: Farid Shaikh (D'08)*, President of the senior class.

*American Dental Association Foundation Minority Dental Student Scholarship*, open to rising sophomores from under-represented minority groups (African American, Hispanic, and Native American). *Recipient: Arielle Elyse Chassen (D'10)*.

*Raymond J. Harris Educational Fund*, awarded to young, Christian men pursuing professional education in medicine, law, engineering, dentistry, or architecture. Selection criteria include GPA, standards of character, and the need for financial assistance. *Recipient: John Y. Kim (D'10)*.

### Students Named to Matthew Cryer Honor Society

Students from the Class of 2009 have been recognized for their outstanding achievements at Penn Dental Medicine as the latest inductees to the Matthew Cryer Honor Society. Each year, the 10 highest-ranked students at the completion of their second year (as determined by general order of merit) are eligible for membership.

The Cryer Society was established in honor of Dr. Matthew Cryer, a Professor of Oral Surgery, researcher, and clinician. Induction into the Society is the highest scholastic honor awarded by the School. The students selected for membership this year include **Siavash Eftekhari, Christopher J. Hall, Marc R. Hayashi, Henna Kim, Stephanie A. Klassner, Debbie M. Parnes, Markos Raptis, Evan Shaw, Bryon J. Viechnicki, and Steven W. Wang.**

### Dr. Olivia Sheridan Named Assistant Dean of Admissions

**Dr. Olivia Sheridan (D'90, GD'91)** has been appointed Assistant Dean of Admissions at Penn Dental Medicine. Named to the position in July 2007, Dr. Sheridan is responsible for overseeing predoctoral and Program for Advanced Standing Students (PASS) admissions, working with Corky Cacas, Director of Admissions, and Dr. Uri Hangorsky, Director of PASS and Associate Dean for Clinical Affairs, respectively.

A 1990 graduate of Penn Dental Medicine, she also completed an Advanced Education in General Dentistry program here in 1991, and has been active in the School's faculty practice for many years, having served as the first director of the Penn Dental Center at Bryn Mawr when it opened in 1997. Currently, Dr. Sheridan oversees

third- and fourth-year predoctoral students as a group leader in the clinic and is a member of the faculty practice at Penn Dental at the Robert Schattner Center.

Dr. Sheridan's mission is to help the School to continue to attract the brightest and most ambitious students to Penn Dental Medicine's programs, while maintaining a focus on diversity throughout the student body, an ongoing effort of the School. "It's very exciting to see the change in the dental school population over the last decade to include students of so many different backgrounds," says Dr. Sheridan. "A walk through the Main Clinic shows what a diverse population we are, and that's tremendously rewarding."

Dr. Sheridan also aims to keep students engaged and excited about dentistry while at the School, noting for example, the importance of Penn Dental Medicine's strong service program in the community and the active involvement of students in groups like the Student National Dental Association and the American Student Dental Association, which connect them to organized dentistry.

"I'd like to encourage anyone thinking about a career in dentistry to come and talk to us," she says. "There are so many wonderful avenues and opportunities in this field. Someone studying dentistry now is in for a very enriching career."



Dr. Olivia Sheridan  
(D'90, GD'91)





Dr. Joseph Rabinowitz, Emeritus Professor of Biochemistry (left), congratulates Dr. Claude Krummenacher after the presentation of this year's Rabinowitz Award for research excellence.

#### Dr. Claude Krummenacher Receives Excellence in Research Award

**Dr. Claude Krummenacher**, Assistant Professor of Biochemistry at Penn Dental Medicine, has been recognized for his research activities as the recipient of The Joseph and Josephine Rabinowitz Award for Excellence in Research. This Penn Dental Medicine award — established in 2003 through the generosity of Dr. Joseph Rabinowitz, Emeritus Professor of Biochemistry, and his wife, Josephine — was created to promote independent research among junior faculty members. This year's award presentation was made at a November 14 luncheon held in the Leon Levy Center for Oral Health Research.

"I am extremely grateful to Jose and Josie Rabinowitz for their support of new faculty through this award, and I am honored to be the recipient this year," says Dr. Krummenacher. "The recognition by the award committee and the financial support are very important to me as a new independent investigator."

Dr. Krummenacher was selected as this year's recipient for his research on a project titled *Cellular Response to Herpes Simplex Virus (HSV) Binding to its Receptor, Nectin-1*. He is studying how the cell surface molecule nectin-1 is used by the virus to enter the target cells of its host. He has been concentrating his research on the molecular aspects of the interaction of nectin-1 with the viral envelope glycoprotein D, which led to a structural model of how nectin-1 activates the viral machinery used by the virus to penetrate the cell.

"With this award, I will expand these studies to look at the activity of nectin-1 as a component of cellular junctions and determine how the virus affects this normal activity of nectin-1 when it uses it to enter cells," he explains. "I also hope to use it to explore other interesting consequences of HSV entry on cellular activities."

Dr. Krummenacher assumed his current position as a member of the Department of Biochemistry's standing faculty in July 2007, but first joined the

Penn Dental Medicine community in 1997 on a fellowship and rose to Research Assistant Professor in the Department of Microbiology, a position he previously held for two years.

Dr. Krummenacher is the fifth recipient of the Rabinowitz Award. Previous winners include Dr. Fernando Segade, Assistant Professor of Anatomy and Cell Biology, in 2006; Dr. Sunday Akintoye, Assistant Professor of Oral Medicine, and Dr. Faizan Alawi, Assistant Professor of Pathology, both in 2004; and Dr. Elisabeth Barton, Assistant Professor of Anatomy and Cell Biology, in 2003. Faculty members are nominated for the Award by department chairs, and winners are selected by a faculty advisory panel under the leadership of Dr. Bruce Shenker, Associate Dean for Research. The candidates' research proposals are evaluated for their scholarly merit, creativity and innovation; the significance of the research; the prospects for future extramural funding; the availability of alternate funding sources; career development of the investigator; evidence that the applicant will be working as an independent investigator; and forwarding of the School's research objectives.

"Because there are no restrictions on the use of this award, it offers an invaluable opportunity to explore new areas and develop new studies that would be considered too risky by more conventional funding sources," adds Dr. Krummenacher. "To me, this freedom is by itself a great asset when establishing a new laboratory."

# Scholarly Activity

## Awards & Achievements

### Department of Oral & Maxillofacial Surgery

- Received the Departmental Appreciation Award for Outstanding Service to the Students, presented by Penn Dental Medicine Student Council.

**Dr. D. Walter Cohen** (C'47, D'50), Professor Emeritus of Periodontics

- Received an honorary Doctor of Science degree from Carol Davilla University in Bucharest, Romania, July 2007.
- Received the Bridge the Peace Award, presented by American Friends of Hebrew University, October 2007.
- Honored by Penn Dental Medicine at the dedication of the D. Walter Cohen and Morton Amsterdam Periodontal Clinic, January 2008.

**Dr. Jason Goodchild** (D'98), Clinical Associate of Oral Medicine

- Invited to lecture on methamphetamine abuse and oral health to dentists at the New Jersey State Department of Corrections, October 2007.

**Dr. Joseph R. Greenberg** (D'72, GD'76), Clinical Professor of Periodontics

- Inducted into the College of Physicians of Philadelphia, November 2007.

**Dr. Elliot V. Hersh**, Professor of Oral Surgery/Pharmacology

- Guest editor of *Clinical Therapeutics*, December 2007.

**Dr. Martin H. Hobdell**, Adjunct Professor of Preventive and Restorative Sciences

- Received the Outstanding Dental Leader Award, presented by the International College of Dentists — USA Section.

**Dr. Marjorie K. Jeffcoat**, Morton Amsterdam Dean and Professor of Periodontics

- Received the Pennsylvania Dental Association (PDA) Recognition Award, presented by the PDA, April 2008.

**Dr. Claude Krummenacher**, Assistant Professor of Biochemistry

- Received the Joseph and Josephine Rabinowitz Award for Research Excellence, presented by Penn Dental Medicine.

**Dr. Arthur Kuperstein**, Lecturer of Oral Medicine

- Received the Appreciation Award for Outstanding Service to the Students, presented by the Penn Dental Medicine Student Council.

**Dr. Phoebe Leboy**, Professor Emeritus of Biochemistry

- Elected national president of the Association for Women in Science.

**Dr. Andres Pinto** (D'99, GD'01, GR'07, M'10), Assistant Professor of Oral Medicine-Clinician Educator

- Selected to be an American Dental Association (ADA) Evidence Reviewer for the ADA Research Institute and Center for Evidence-Based Dentistry.

**Dr. Peter Quinn** (D'74, GD'78), Louis Schoenleber Professor and Chair of Oral and Maxillofacial Surgery and Pharmacology

- Elected president of the American Society of Temporomandibular Joint Surgeons (ASTMJS).

**Dr. Louis E. Rossman** (D'75, GD'77), Clinical Professor of Endodontics

- Sworn in as President of the American Association of Endodontists, April 2008.

**Dr. Edwin W. Slade Jr.** (D'74), Clinical Associate Professor of Oral and Maxillofacial Surgery

- Elected Treasurer of the American Association of Oral and Maxillofacial Surgeons.

## Selected Publications

A selection of recently published work by Penn Dental Medicine faculty, who are indicated in bold.

**Amsterdam M, Cohen DW.** Foreword for *Interdisciplinary Treatment Planning: Principles, Design, Implementation* by Cohen M. Quintessence Publishing. 2008.

Atanasiu D, Whitbeck JC, Cairns TM, Reilly B, **Cohen GH, Eisenberg RJ.** Bimolecular complementation reveals that glycoproteins gB and gH/gL of herpes simplex virus interact with each other during cell fusion. *Proceedings of the National Academy Sciences*. 2007 November; 104(47):18718-23.

**Atlas AM.** Methods to improve the clinical effectiveness of current dentin-enamel bonding agents. *Practice Procedure and Aesthetic Dentistry*. 2007 October; 19(9):566.

Awasthi S, Lubinski JM, **Eisenberg RJ, Cohen GH, Friedman HM.** An HSV-1 gD mutant virus as an entry-impaired live virus vaccine. *Vaccine*. January 2008; (Epub ahead of print).

Balasubramaniam R, **Greenberg MS, Pinto A.** Diagnostic challenge: Orofacial pain in an adolescent. *Journal of the American Dental Association*. In press.

Balasubramaniam R, **Laudenbach JM, Stoopler ET.** Fibromyalgia: An update for oral health care providers. *Oral Surgery, Oral Medicine, Oral Pathology, Oral Radiology and Endodontics*. 2007; 104:589-602.

Barnes CM, **Gluch JI, Lyle DM, Jahn CA.** Devices for oral self-care. *Dental Hygiene: Concepts, Cases, Competencies*. Edited by Daniel SJ, Harfst SA, Wilder RS. 2nd ed., Mosby Elsevier, 2008.

**Blatz MB.** Ask the expert: Adhesive cementation of high-strength ceramics. *Journal of Esthetic and Restorative Dentistry*. 2007; 19(5):237-8.

**Blatz MB.** The exciting world of magnification. *Quintessence International*. 2007; 38:807.

**Blatz MB.** The surgical microscope in dentistry. *Quintessence International*. 2008; 39:9.

**Blatz MB, Oppes S, Chiche GJ, Holst S, Sadan A.** Influence of cementation technique on fracture strength and leakage of alumina all-ceramic crowns after cyclic loading. *Quintessence International*. 2008; 39:23-32.

**Blatz MB.** Selection criteria and guidelines for implementation. Predictable cementation of esthetic restoration (supplement). *Practical Procedures and Aesthetic Dentistry*. 2007; 10: supplement.

Bray KS, **Gluch, JI.** Health promotion: A basis for practice. *Dental Hygiene: Concepts, Cases, Competencies*. Edited by Daniel SJ, Harfst SA, Wilder RS. 2nd ed., 2008.

Chapman LJ, Holst S, Sadan A, Burgess JO, **Blatz MB.** Pre-curing of self-etching bonding agents improves bond strength of composite to dentin. *Quintessence International*. 2007; 38(8):637-41.

Chen Z, Earl P, Americo J, Damon I, Smith SK, Yu F, Sebrell A, Emerson S, **Cohen G, Eisenberg RJ, Gorshkova I, Schuck P, Satterfield W, Moss B, Purcell R.** Characterization of chimpanzee/human monoclonal antibodies to the vaccinia A33 glycoprotein and its variola virus homolog in vitro and in a vaccinia mouse protection model. *Journal of Virology*. 81:8989-8995.

**Cohen DW.** Final editorial for *Compendium of Continuing Education in Dentistry*. January-February 2008.

- Cohen DW.** Foreword for Enhancement Orthodontics, Theory and Practice by Ackerman M. Blackwell Publishing. 2007.
- Daniels DW, Tian Z, **Barton ER.** Sexual dimorphism of murine mastatory function. Archives of Oral Biology. 2007; 53(2):187-92. (Epub ahead of print).
- Doungudomdacha S, Volgina A, **DiRienzo JM.** Evidence that the cytolethal distending toxin locus was once part of a genomic island in the periodontal pathogen *Aggregatibacter (Actinobacillus) actinomycetemcomitans* strain Y4. Journal of Medical Microbiology. 2007; 56:1519-1527.
- Gamborena I, **Blatz MB.** Protocols for single-tooth immediate implant procedures. Quintessence of Dental Technology. In press, 2008.
- Golub EE, Boesze-Battaglia K.** The role of alkaline phosphatase in mineralization. Current Opinion in Orthopaedics. 2007; 18:444-448.
- Guan H, Jiao J, Ricciardi RP.** Tumorigenic adenovirus type 12 E1A inhibits phosphorylation of NF-kappaB by PKAc, causing loss of DNA binding and transactivation. Journal of Virology. January 2008; 82(1):40-8 (Epub ahead of print).
- Hersh EV, Balasubramaniam R, Pinto A.** Pharmacologic management of temporomandibular disorders. Oral Maxillofacial Surgery Clinics of North America. 2008; 20:197-210
- Hersh EV, Moore PA.** Adverse drug interactions in dentistry. Periodontology 2000. 2008; 46:109-142.
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- Hobdell MH, Bourgeois D, Louazani A, and Ndiaye C.** Standardization of oral health information in the African region: Report of a workshop May 30-31, 2005. World Health Organization Regional Office for Africa; January 2008; 15.
- Kay L, Killian C, **Lindemeyer R.** Special patients (chapter 24) in The Handbook of Pediatric Dentistry (3rd Ed.), American Academy of Pediatric Dentistry. 2007; 260-274.
- Komine F, **Blatz MB, Yamamoto S, Matsumura H.** A modified layering technique to enhance fluorescence in glass-infiltrated aluminum-oxide ceramic restorations: Case Report. Quintessence International. 2008; 39:11-16.
- Krummenacher C, Carfi A, Eisenberg RJ, Cohen GH.** Entry of herpes viruses into cells: the enigma variations. Viral Entry into Host Cells, edited by Pohlmann S, Simmons G. Lanes. Bioscience. In press, 2007.
- Landolt M, Blatz MB.** The concept of platform switching. Practical Procedures and Aesthetic Dentistry. In press, 2008.
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- Leboy PS.** Fixing the leaky pipeline: Why aren't there many women in the top spots in academia? The Scientist. 2008; 22(1):67-70.
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- Madani M, **Madani F.** The pandemic of obesity and its relationship to sleep apnea. Atlas of Oral and Maxillofacial Surgery Clinics of North America. 2007; 15(2):81-88.
- Madani M, **Madani F, Frank M, Lloyd R, et. all.** Polysomnography versus home sleep study, overview and clinical application. Atlas of Oral and Maxillofacial Surgery Clinics of North America. 2007; 15(2):101-109.
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- Pinto A, Lindemeyer RG, Sollecito TP.** Thalidomide for PFAPA. Oral Surgery, Oral Medicine, Oral Pathology, Oral Radiology, and Endodontics. 2007; 103:307.
- Pinto A, Kim S, Rosenberg H, Wadenya R.** Is there an association between weight and dental caries among pediatric patients examined in an urban dental school? A correlation study. Journal of Dental Education. 2007; 71:1435-1440.
- Reske A, Pollara G, **Krummenacher C, Chain BM, Katz DR.** Understanding HSV-1 entry glycoproteins. Reviews in Medical Virology. 2007; 17:205-215.
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- Terry DA, Trajtenberg CP, **Blatz MB.** A review of dental tissue microstructure, biomodification, and adhesion. Functional Esthetics and Restorative Dentistry. In press, 2008.
- Wang Y, Li H, Hollow C, **Yuan Y.** Kaposi's sarcoma-associated herpes virus ori-Lyt-dependent DNA replication: Involvement of cellular factors in the replication. Journal of Virology. In press, 2008.
- Wei W, Howard PS, Kogan B, Macarak EJ.** Altered extracellular matrix expression in the diverted fetal sheep bladder. Journal of Urology. 2007; 178, (3 Pt. 1):1104-7.



## Grants

A listing of research grants awarded from 7/1/2007 to 2/29/2008.

### Department of Anatomy and Cell Biology IGF-I Isoforms: A Source for New Agents to Counter Muscular Dystrophy Pathology

2/26/2008 – 1/31/2010  
Principal Investigator: Dr. Elisabeth R. Barton, Assistant Professor of Anatomy and Cell Biology  
Funding Source: National Institutes of Health

**The Impact of Fluoride on the Rho Signaling Pathway and the Actin Cytoskeleton**  
8/1/2007 – 7/31/2009  
Principal Investigator: Dr. Carolyn W. Gibson, Professor of Anatomy and Cell Biology  
Funding Source: National Institutes of Health

### Department of Biochemistry Interactions of Herpes Simplex Virus with Nectin-1 at Cell Junctions

9/20/2007 – 8/31/2009  
Principal Investigator: Dr. Claude F. Krummenacher, Assistant Professor of Biochemistry  
Funding Source: National Institutes of Health

**Matrix Vesicle Mediated Matrix Calcification**  
7/20/2007 – 5/31/2012  
Principal Investigator: Dr. Ellis E. Golub, Professor of Biochemistry  
Funding Source: National Institutes of Health

**Scanning Electron Microscope Upgrade for the School of Dental Medicine**  
1/31/2008 – 1/31/2009  
Principal Investigator: Dr. Ellis E. Golub, Professor of Biochemistry  
Funding Source: University Research Foundation

**Department of Microbiology  
KSHV ori-Lyt-Dependent DNA Replication**  
3/15/2008 – 2/28/2009  
Principal Investigator: Dr. Yan Yuan, Associate Professor of Microbiology  
Funding Source: National Institutes of Health

**Department of Oral Medicine  
Evaluation of Natural Human Interferon Alpha Administered Oromucosally in the Treatment of Oral Warts in HIV-Seropositive Subjects Receiving Combination Antiretroviral Therapy: A Phase-2 Clinical Trial**  
7/9/2007 – 6/30/2008  
Principal Investigator: Dr. Andres A. Pinto, Assistant Professor of Oral Medicine-Clinician Educator  
Funding Source: Amarillo Biosciences, Inc.

**Department of Pathology  
Cross-Regulation of Toll-Like Receptor (TLR) and IgE Receptor (FcεRI) in Mast Cells**  
1/31/2008 – 1/31/2009  
Principal Investigator: Dr. Hydar Ali, Associate Professor of Pathology  
Funding Source: University Research Foundation

**Effects of the Integrated Stress Response in HIV-Associated Dementia**  
9/30/2007 – 7/31/2012  
Principal Investigator: Dr. Kelly L. Jordan-Sciutto, Assistant Professor of Pathology  
Funding Source: National Institutes of Health

**Molecular Biology of Virulence in Periodontal Disease**  
2/19/2008 – 12/31/2012  
Principal Investigator: Dr. Edward T. Lally, Professor of Pathology  
Funding Source: National Institutes of Health

**Neuroprotective Function and Regulation of Nrf2 in HIV-Associated Dementia**  
8/1/07 – 7/31/10  
Principal Investigator: Kathryn A. Lindl, A.B  
Mentor: Dr. Kelly L. Jordan-Sciutto, Assistant Professor of Pathology  
Funding Source: National Institutes of Health National Research Service Award

**Research Facilities Development Fund**  
1/1/2008 – 12/31/2008  
Principal Investigator: Dr. Bruce Shenker, Professor and Chair of Pathology  
Funding Source: Office of the Vice Provost for Research

**Toxin-Dependent Depletion of PIP<sub>3</sub> as a Novel Therapeutic Strategy for Asthma**  
1/31/2008 – 1/31/2009  
Principal Investigator: Dr. Bruce Shenker, Professor and Chair of Pathology  
Funding Source: University Research Foundation

## MAKING HISTORY ... ONE GIFT AT A TIME

One of the nonfinancial goals of *Making History: The Campaign for Penn* is to grow the number of alumni who support Penn's commitment to educational excellence through their annual gifts. Please help sustain Penn Dental Medicine's leadership in the profession by making your gift before June 30, the end of Penn's fiscal year. As the cost of excellence continues to rise, so does the need for increased support of the Dental Annual Giving Fund. Whatever the level of your support, your gift will make a difference to our students. For your convenience, gifts to the Dental Annual Giving Fund can be made in several ways:

- **CALL** the Office of Development and Alumni Relations at 215-898-8951 and make a gift with a credit card.
- **VISIT** [www.upenn.edu/gifts](http://www.upenn.edu/gifts) for a secure online credit card transaction.
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- **TRANSFER** appreciated securities for substantial tax benefits. You will receive an income tax deduction equal to the fair market value of the stock on the effective date of the gift, while also avoiding capital gains tax on the transfer. For

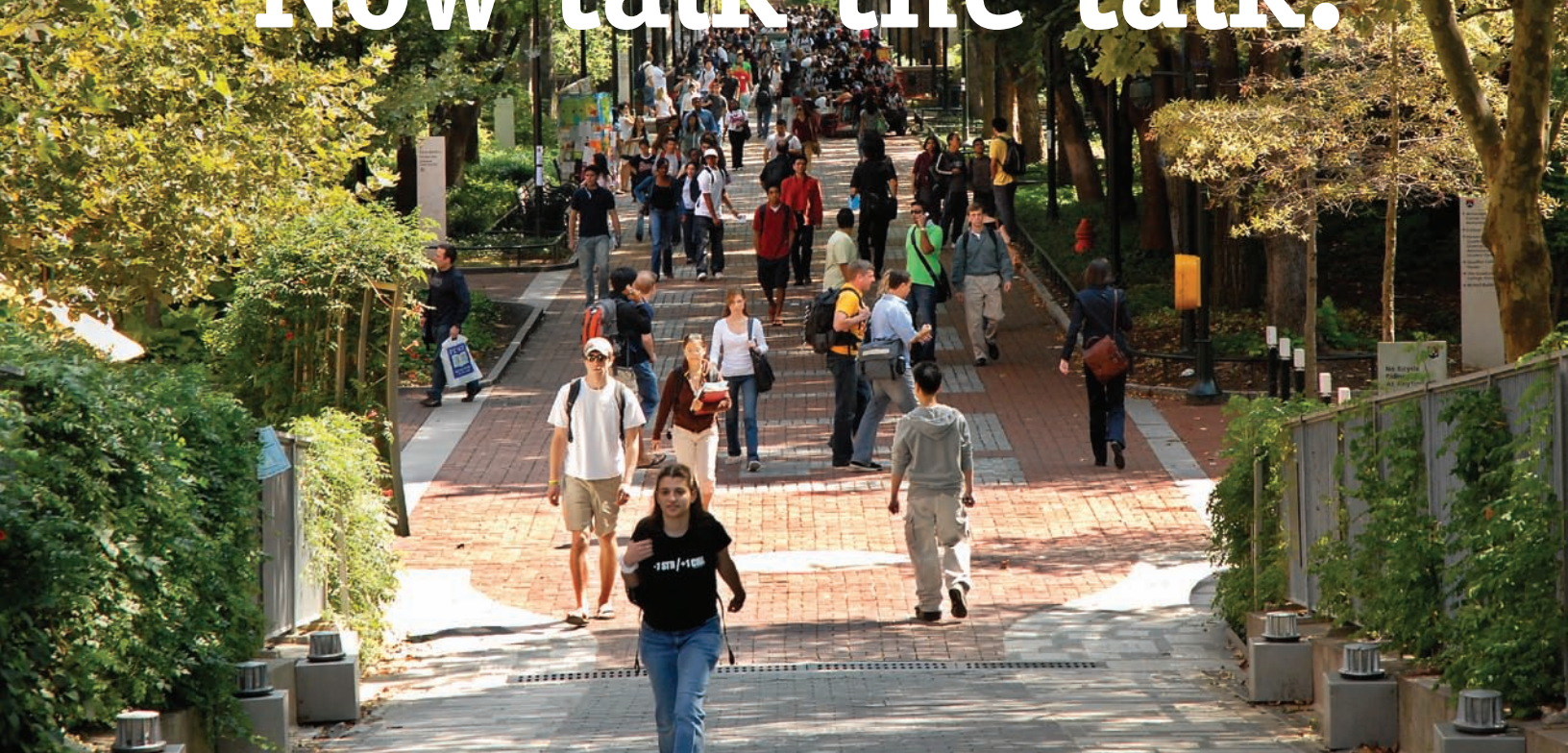
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# Philanthropy

## HIGHLIGHTS

ON OCTOBER 19, Penn Dental Medicine celebrated the launch of *Leading the Profession, The Campaign for Penn Dental Medicine* — its most ambitious fundraising campaign ever — at a special gala held at The Inn at Penn. The School's \$36 million campaign, part of the University of Pennsylvania's *Making History* campaign, will raise new resources for creating state-of-the-art clinical care and teaching environments (\$17.5 million), building endowed funds for faculty recruitment and retention (\$13.5 million), and student scholarships (\$4.5 million). The School already has a significant number of gifts and pledges — 67% of its goal — made to the campaign. Campaign Co-Chairs Dr. Lawrence Kessler (C'66, D'70) and Dr. Martin D. Levin (D'72, GD'74) announced some of the key leadership gifts at the gala.

### *Leading the Profession* THE CAMPAIGN FOR PENN DENTAL MEDICINE LAUNCH CELEBRATION

Among them:

- In excess of \$8 million (to date) from the estate of the late Dr. Louis Schoenleber (C'42, D'43) to establish the Chair of Oral and Maxillofacial Surgery and the Oral and Maxillofacial Surgery Fund.
- \$1.9 million from Henry Schein, Inc. to name the Main Clinic in honor of Edward B. and Shirley Shils.
- \$1 million from Dr. William Cheung (D'81) to establish The William Cheung World Scholar through the Penn World Scholars program.
- \$750,000 from the estate of the late Dr. Lee Krimmer (D'49) to support the renovation of the Main Clinic and the naming of the Krimmer Wing within this facility.



1 Irving M. Rothstein (C'38, D'41), Lorain R. Rothstein, and Morton Amsterdam (C'43, D'45)



photos: Candace diCarlo





**2** William W. M. Cheung (D'81, GD'82), Lawrence Kessler (C'66, D'70), University President Amy Gutmann, Robert I. Schattner (D'48), and Martin D. Levin (D'72, GD'74)

**3** Shirley Ruth Shils (CGS'84, CGS'90, C'93), Max Szczurek (WEV'03), Stanley M. Bergman (PAR'02), and Lynne M. Abraham

**4** Suzanne Fordham, D. Walter Cohen (C'47, D'50), Melba Pearlstein, and Kenneth C. Fordham, Jr. (GED'81, D'82)

**5** Cindy Taylor, Sanford Krimmer (D'52), Gloria Krimmer, and Thomas Croonquist



### The 1878 Society

Last fall, a new plaque was installed in the Robert Schattner Center Henry Schein Atrium to recognize the members of Penn Dental Medicine's new donor society, The 1878 Society. Named for the year the School was founded, the society recognizes donors who have contributed at least \$1 million in cumulative giving. The School is grateful to these donors for the transforming impact their gifts have on sustaining Penn's leadership in dental education. The members of The 1878 Society are:

- American Cyanamid Company
- Annenberg Foundation
- William W. M. Cheung (D'81, GD'82)
- Estate of Thomas W. Evans
- W.K. Kellogg Foundation
- Pew Charitable Trusts
- Estate of Eleanor B. Reid
- Robert I. Schattner (D'48)
- Henry Schein, Inc.
- Estate of Louis Schoenleber, Jr. (C'42, D'43)
- Straumann USA
- Estate of Norman Vine (D'22)



### Gift Annuity Establishes New Scholarship Fund

Thanks to the generosity of Lucia Stolp Carr — the wife of alumnus Dr. John G. Carr (D'28) — Penn Dental Medicine has a new financial aid resource for deserving students. The School recently received the remainder of a gift annuity she established in the 1990's, which, upon her death, was directed to Penn Dental Medicine to establish an endowed scholarship fund. With a value of nearly \$112,000, the fund is expected to begin generating an annual scholarship of approximately \$5,000 in the next year.

As stipulated by Mrs. Carr, "recipients of The Dr. John G. and Lucia Stolp Carr Scholarship will be selected from those students who are recognized by the School as being the most academically qualified in their class. The Carr Scholarship will be used by the recipients to defray tuition, fees, and related educational expenses."

## Share Your News

**We want to hear from you.** Share your news on personal and professional accomplishments with your fellow Penn Dental Medicine alumni through the Class Notes section of the Penn Dental Journal. We have made it easy for you to make a submission — simply go to [www.dental.upenn.edu/alumni/](http://www.dental.upenn.edu/alumni/) where you can quickly send us your information — we welcome photos as well.

Or, you can send your submissions to:

Mary McCarron  
Office of Development and Alumni Relations  
Robert Schattner Center  
University of Pennsylvania  
School of Dental Medicine  
240 South 40th Street  
Philadelphia, PA 19104-6030  
215-898-8951 (p)  
215-573-1791 (f)  
[mrmccarr@ben.dev.upenn.edu](mailto:mrmccarr@ben.dev.upenn.edu)





# MAKING HISTORY

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To learn more about the many ways to support Penn Dental Medicine through a legacy gift, contact Frank F. Barr, JD, Office of Gift Planning, at 800.223.8236 or visit [www.alumni.upenn.edu/giftplanning](http://www.alumni.upenn.edu/giftplanning).



Penn  
Dental Medicine

# Alumni

## NEWS

### Alumni Gatherings

Throughout the fall and winter, Penn Dental Medicine alumni gathered at events throughout the country. Along with the highlights presented here, you can view additional photos from these events by visiting the "Alumni News" section of the Penn Dental Medicine web site at [www.dental.upenn.edu/alumni/news/index.html](http://www.dental.upenn.edu/alumni/news/index.html).



#### ^ American Academy of Periodontology Annual Meeting Alumni Reception

Penn Dental Medicine held a reception on October 29 at the Renaissance Washington, D.C. Hotel. Hosted by Dr. Joseph P. Fiorellini, Professor and Chair of Periodontics, the reception brought together 75 alumni, faculty, and students attending the American Academy of Periodontology Annual Meeting.

1 Howard P. Fraiman (D'91, GD'93, GD'94) and Arnold S. Weisgold (GD'65).

2 Reshma and Nipul K. Tanna (D'90, GD'91, GD'08).

#### American Dental Association Annual Session Alumni Reception >

Penn Dental Medicine held a reception on September 29 at the San Francisco Marriott for alumni attending the American Dental Association Annual Session. Hosted by then Acting Dean Thomas P. Sollecito (D'89, GD'91), the reception helped to reconnect 75 alumni to Penn Dental Medicine and each other.

3 Robert A. Cheron (D'03), Director of Admissions Corky Cacas, and Ann Colter Hosch (D'04).

4 Stanley (D'04) and Carol Montee (D'04) with their son.

#### Greater New York Dental Meeting Alumni Reception v

Penn Dental Medicine held a reception on November 27 at the New York Marriott Marquis Times Square for alumni attending the Greater New York Dental Meeting. The reception helped to reconnect 50 alumni to Penn Dental Medicine and each other.



#### ^ Yankee Dental Congress Alumni Reception

Penn Dental Medicine held a reception on February 1 at the Westin Boston Waterfront for alumni attending the Yankee Dental Congress. Hosted by Morton Amsterdam Dean Marjorie K. Jeffcoat, the reception helped to reconnect nearly 50 alumni to Penn Dental Medicine and each other.

7 Helaine (DH'60) and James A. Hazlett (D'61)

5 Michael G. Difelice (D'06), Jordana A. Fleischer (C'99, D'06), Hemant Dhawan (D'07), Liya Avshalumov-Ostrow (D'07), Patricia A. Pasnikowska (D'07), and Gautam Govitrikar (D'07).

6 Mitchell A. Charnas (C'76, D'81) and Susan L. Stern (C'77, D'81)



**ALUMNI PROFILE:**  
**Dr. Sandra Shire (D'80)**

Many dentists strive to give their patients a brighter smile, but for Dr. Sandra Shire's (D'80) patients, the true beauty of their smiles comes not from the brightness of their teeth but from the gratitude in their hearts. Dr. Shire has dedicated 25 years to the Public Health Service, many of them providing dental care to the poor and uninsured both in this country and abroad.

After graduating from Brown University in 1976, Dr. Shire attended Penn Dental Medicine, where her interest in public health was ignited. "Penn had so many different graduate programs with opportunities for cross fertilization," she says. "It was there that I was first exposed to many public health concepts."

She received a scholarship from the National Health Service Corps, and upon graduation, served in a clinic in Harlem. It was satisfying work, but when budget cuts led to a reduction in force, Dr. Shire left the public sector and joined a private practice. She didn't stay long. "I felt confined," she recalls. "I missed the bigger picture."

She got her commission back and while she has remained in the public sector for 25 years, her career has been anything but static. She spent 12 years in clinical settings providing dental care to the underserved. For 10 of those years, she worked in a federal prison in upstate New York, where her patients included some of the nation's most notorious prisoners. "It was a great place to practice dentistry, the patients were always appreciative and respectful," she said.

In 1993, Dr. Shire, who also has a Master's in Public Administration, transferred to the regulatory arena. She worked for the Food and Drug Administration evaluating new dental products to ensure their safety and effectiveness then moved to her current



Dr. Sandra Shire (D'80) with some of her patients in Guyana.

role reviewing clinical trials to verify data and ensure patients are protected. Of her many varied experiences perhaps the most rewarding was joining a humanitarian health care mission to Latin America and the Caribbean on the US Navy hospital ship *USNS Comfort*, this past fall. Staffed by U.S. Department of Defense and HHS Public Health Service officers, Canadian Forces, and volunteers from Project Hope, the ship visited 12 countries in four months, and treated 98,658 patients. Dr. Shire participated in the mission for a month, providing dental care in remote villages of Trinidad, Guyana, and Surinam. Even for a dentist who has devoted much of her career to helping the underserved, it was a profound experience.

"It was hard seeing how many patients needed so much," she says. "We felt an incredible sense of responsibility to them." Yet in order to provide care to as many as possible, the dental team had to limit its time with each patient. "We had to decide what one thing would be most beneficial," she says. "Usually it was an extraction, but I always tried to do something extra to make them feel better about themselves."

Because many of the patients were children, particularly in Surinam where there are at least 10 orphanages, the team also provided preventive services including pit and fissure sealants, fluoride applications, and oral hygiene instruction.

Dr. Shire credits much of the mission's success to the extraordinary organization and flexibility of the Navy. Most days, the dental and medical teams woke at 4 a.m. and helicoptered to remote areas where empty classrooms, community centers, even sports arenas were turned into fully functioning dental facilities. Every night, a meeting was convened to discuss what went right and what went wrong. "They were so adaptable and flexible. Their motto was 'Semper Gumby'," she jokes.

All of the countries she visited suffer from limited access to care and Dr. Shire found it fascinating to learn how each was compensating. For example, Guyana, which only has about 27 dentists, is starting a fledgling dental school. They rely on dentists from other countries to assist in the training of its students. However, the effort is hindered by outdated equipment and a lack of supplies, so the mission left as much behind as they could. Surinam is implementing a model similar to the Public Health Corps. There, young people receive training in certain basic dental procedures in return for a two-year commitment to provide care in the country's more remote regions.

Dr. Shire says she is grateful for the opportunity to participate in the mission and credits Penn Dental Medicine for the ease in which she returned to clinical care. "It has been a long time since I have practiced hands-on dental care," she says. "I owe the fact that I could competently step into my role on the *Comfort* to the exceptional training I received at Penn."

On May 1, Dr. Shire retired from the Public Health Service but she will continue to return to Penn Dental Medicine, as she has every year, to teach a seminar and hopefully inspire her students.



# Alumni

## CLASS NOTES

### 1950's

**Richard L. McClelland (D'54)** has moved to Charlotte, N.C., from Princeton, N.J., where he lived for almost 50 years and practiced for 30 years. He is a Fellow of the Academy of General Dentistry, the American College of Dentists, and the International College of Dentists. Dr. McClelland retired from the Navy Reserve with a rank of Captain.

**Myron A. Lieberman (D'56)** was recently honored with a lifetime-achievement award by the Israel Orthodontic Society. He had established that country's first post-graduate orthodontic program in 1971 and served as department chair of orthodontics at Tel Aviv University for 25 years; he continues to teach on a voluntary basis.

During its 2007 Annual Convention, the New Jersey Dental Association (NJDA) honored **Noah Chivian (D'59)** with its Presidential Service Award, the NJDA's highest honor. The award was given in recognition of his many years of dedicated and devoted service to the dental profession and to organized dentistry. In addition to maintaining a private practice, limited to endodontics, in West Orange, N.J., Dr. Chivian is director of Dental Services at the Newark Beth Israel Medical Center. A consultant to the National Naval Dental Center in Bethesda, Md., Dr. Chivian is also a guest lecturer in graduate endodontics at Columbia University, Temple University, and New York University, and an Adjunct Associate Professor of

Endodontics at Penn Dental Medicine. Dr. Chivian is past President of the American Academy of Esthetic Dentistry and the American Association of Endodontists.

### 1960's

**Arthur S. Liblit (D'68)** has retired and is now living in Brooklyn, N.Y. He still runs every day, plays tennis when possible, and is in several bluegrass bands. Dr. Liblit enjoys city life and being retired.

### 1970's



**Lewis E. Proffitt (D'73, WG'80)**, a member of the Penn Dental Medicine Board of Overseers, recently visited China. During his visit, he met Dr. Guangyan Yu, Dean and Professor of Oral and Maxillofacial Surgery of the Peking University School of Stomatology.

**Jeffrey W. Hutter (D'75)**, Senior Associate Dean of the Boston University Goldman School of Dental Medicine, was appointed Dean *ad interim* following the death of Dean Spencer Franklin in October 2007. "It's a real honor to be given this opportunity and to have that challenge of succeeding someone who left such a mark on the University," said Dr. Hutter at the time of his appointment. "I look at it as a wonderful opportunity and will do my best to continue the work that the Goldman School of Dental Medicine has been doing for the past 30 years." Dr. Hutter, who was recently elected Chair of the Commission on Dental Accreditation of the American Dental Association, is a Professor of Endodontics and the Herbert Schilder Chair of the Endodontics Department. He also directs the Advanced Specialty Education Program in Endodontics and previously was the School's Associate

Dean for Academic Affairs. Dr. Hutter also serves as an Adjunct Assistant Professor of Endodontics at Penn Dental Medicine.

### 1980's

**Steven G. Lewis (C'76, D'81)** was named president of the Academy of Osseointegration during its 2008 Annual Meeting. The mission of the Academy is to advance oral health and well being by disseminating state-of-the-art clinical and scientific knowledge of implant dentistry and tissue engineering and by defining expertise in the field.

**James D. Hudson (D'82)** is the new president of the New York Academy of Dentistry. Founded in 1921, the Academy is an organization of dentists dedicated to the enhancement of the dental profession through the promotion of the highest standards in education, clinical practice, and ethical conduct.



University President Amy Gutmann and **William W. M. Cheung (D'81, GD'82)** at the *Making History: The Campaign for Penn* regional launch event held in Hong Kong on January 12. Dr. Cheung, a member of the Penn Dental Medicine Board of Overseers and the University's Board of Trustees, served as a host for the event, which attracted over 150 alumni, friends, and students to celebrate this pivotal moment in Penn's history.

## TWO ALUMNI NAMED TO ADEA LEADERSHIP INSTITUTE CLASS OF 2009

**Thomas W. Oates, Jr. (D'83, GD'84)** and **Douglas S. Ramsay (D'83)** have been selected to participate in the ninth annual class of the American Dental Education Association Leadership Institute. The Institute, which began in 2000, is a yearlong program to develop the nation's most promising dental educators to become leaders in dental and higher education. The Institute, unique to dental education, includes four phases, throughout which Institute Fellows undertake a variety of assignments designed to both guide and enhance their professional development.

Dr. Oates currently serves the University of Texas Health Science Center at San Antonio Dental School as Assistant Dean for Clinical Research and the Department of Periodontics as Vice Chair and Associate

Professor. His research interests focus on the intersection of oral and systemic health, with current efforts directed toward patients with diabetes mellitus. He is a Diplomate of the American Board of Periodontology and a member of the Research and Science Committee for the American Academy of Periodontology.

After graduating from Penn Dental Medicine, Dr. Ramsay went to the University of Washington (UW) as a senior fellow and in 1985 entered the UW's NIH-funded Dentist-Scientist Training Program, which supported his doctoral studies in psychology and specialty training in orthodontics. He received his Ph.D. in psychology in 1988 and joined the UW School of Dentistry faculty in 1990 upon completion of the orthodontics graduate program. As a board-certified orthodontist, Dr. Ramsay teaches clinically in the orthodontics graduate program.

**Howard D. Lassin (D'85)** wrote to *The Pennsylvania Gazette*, "I have an advanced general practice in Cherry Hill, N.J. In November, I returned from a 12-day mission with Operation Smile to Linyi, China. This was part of 'World Journey of Smiles' in 25 countries, the 25th anniversary celebration of its mission to repair childhood facial deformities."

## 1990's

**Marc B. Ackerman (D'98)**, a past president of the Penn Dental Medicine Alumni Society, sold his orthodontic practice in Bryn Mawr, Pa., and started teaching full-time at Jacksonville (Fla.) University School of Orthodontics this past fall. He is serving as Associate Professor of Orthodontics and Director of Evidence-Based Education.

**Eric T. Stoopler (D'99, GD'02)** and his wife, Melanie, are proud to announce the birth of their son, Ryan Adam, on July 25, 2007. Dr. Stoopler serves as Assistant Professor of Oral Medicine-Clinician Educator at Penn Dental Medicine.

## 2000's



**Kim N. Hort (D'00)** is one of 14 recipients nationwide to earn the 2006-07 Richard C. Pugh Achievement Award from the American Academy of Pediatric Dentists. The award honors dentists who score in the top three percent of the 2006-07 American Board of Pediatric Dentistry qualifying examination. Dr. Hort is a pediatric dentist with the Southeast Alaska Regional Health Consortium, which serves the health interests of 18 Native communities in Juneau.

After graduating from Penn Dental Medicine, **Andrew D. Horowitz (D'01)** continued his education in a combined Oral and Maxillofacial Surgery/Medical Doctor training program at the Mount Sinai Medical Center in New York City, and graduated from medical school in 2004. He completed his residency in June 2007, and joined a private practice in Scarsdale, N.Y.

**Seiichi Yamano (D'04)** has been appointed an Assistant Professor of Prosthodontics at the New York University College of Dentistry.

**Jahnavi Dave (D'07)** has joined Providence Dental Associates in Media, Pa., owned by **Dean Ford Sophocles (D'87)**, who also serves as Clinical Assistant Professor of

Restorative Dentistry at Penn Dental Medicine. According to Dr. Dave, "I am passionate about my work. I really believe in the camera-assisted dental work that this practice is known for." Dr. Dave is a member of the Pennsylvania Dental Association and the Indian Dental Association.

**Bahareh Emadzadeh (D'07)** and **Farhad F. Farahaninia (D'07 GED'07)** married on May 27, 2007, in Atlanta, Ga. They now live in Houston, Texas.

**Melissa A. Schafhauser (D'07)** married Ensign Ryan Restrepo at the United States Naval Academy Chapel in Annapolis, Md., on November 3, 2007. Dr. Schafhauser is a dentist in Washington, D.C.



This past fall, **LCDR Michael Rudmann (D'01)** gave six Penn Dental Medicine students, who were recently commissioned as officers in the military Health Professionals Scholarship Program, a first hand look into life aboard the *USS Iwo Jima*. Giving the students valuable insight into their future professional lives, Dr. Rudmann also served as a networking resource by connecting students with Navy officers that will hopefully help set them up to participate in future Navy humanitarian missions. Pictured with Dr. Rudmann (center) are (left to right) **Amelia Hazard (D'11)**, **Markus Hill (DD'11)**, **Alex Paul (D'11)**, **Tiffany Morgan (D'11)**, and **Ujval Gummi (D'11)**; not pictured is **J. Demeo (D'10)**.



# In Memoriam

**Gladys D. Bingman (DH'29)**  
Elizabethville, Pa., May 1, 2007

**Edith Orlin Jacobs (DH'33)**  
Oxford, Conn., February 22, 2008

**Elizabeth R. Allen (DH'36)**  
Webster Groves, Mo., June 27, 2006

**Alberta Peck Edwards (DH'36)**  
Largo, Fla., June 17, 2007

**Frank Kanter (C'37, D'39)**  
Camillus, N.Y., July 1, 2005

**Fred F. Wood, Jr. (D'39)**  
Chatham, N.J., March 8, 2003

**Robert Unger (D'40)**  
Victoria, British Columbia, Canada,  
October 12, 2007

**Josephine L. Dombroski (DH'41)**  
Stratford, Conn., April 24, 2007

**William Eisenberg (D'41)**  
Carlsbad, Calif., January 1, 2008

**John W. Mosch (C'39, D'41)**  
Naples, Fla., November 19, 2007  
*Survived by his brother, Paul G. Mosch (C'54 D'56)*

**Stanley B. Millenson (C'38, D'42)**  
Yardley, Pa., April 24, 2005

**David Feiner (D'43)**  
Royal Palm Beach, Fla., October 1,  
2007

**Martin Litman (C'44, D'45)**  
Coconut Creek, Fla., November 9,  
2007

**Lorraine U. Bailey (DH'46)**  
Vineland, N.J., April 28, 2005

**Theodore Kahn (D'47)**  
Silver Spring, Md., June 6, 2005

**Jerome S. Mittelman (C'44, D'47)**  
New York, N.Y., February 12, 2008

**Sanford S. Scheingold (GD'48)**  
Cincinnati, Ohio, May 19, 2007

**Melvin Wallshein (D'49)**  
Brooklyn, N.Y., August 1, 2007

**S. Zacharia (GD'49, D'50)**  
McKeesport, Pa., July 19, 2007

**L. Bowman Banford, Jr. (D'50)**  
Hampton, Conn., March 18, 2007

**Harold M. Rappaport (C'42, D'50)**  
Oro Valley, Ariz., October 26, 2007

**Martin L. Walton (GD'51)**  
Cincinnati, Ohio, November 3, 2000

**Robert M. Bongberg (D'52)**  
Shafter, Calif., September 25, 2007

**Carver C. Dumke (D'52)**  
Punta Gorda, Fla., July 8, 2006

**Daniel L. Lowenstein (D'52)**  
Boca Raton, Fla., May 1, 2007

**Morton Olin (GD'52)**  
Winthrop, Mass., May 12, 2007

**Richard H. Gates (D'53)**  
Savannah, Ga., August 25, 2007

**Priscilla Haynes Knoll (DH'53)**  
Fort Myers, Fla., September 8, 2007

**Coleman R. Tuckson (GD'53)**  
Washington, D.C., January 24, 2008

**Donald N. Shapiro (GD'55)**  
West Bloomfield, Mich., December  
11, 2006

**Jean Bartle Deitch (DH'56)**  
Coopersburg, Pa., July 6, 2006  
*Survived by her husband, Joseph E. Deitch (D'56)*

**Conway D. Catto (GD'59)**  
Los Altos, Calif., July 12, 2004

**David Goodman (GD'59)**  
Wilmington, Del., August 19, 2007

**Alfred C. Renzi (GD'59)**  
Nokomis, Fla., April 18, 2006

**Earl W. Tietsworth (C'57, D'60)**  
San Diego, Calif., December 20,  
2007

**Donald W. Transue (D'60, GD'61)**  
Lakeland, Fla., August 3, 2007

**Richard D. Ewell (D'69, GD'75)**  
State College, Pa., July 14, 2007

**Kenneth C. Fieldston (D'74)**  
Tenafly, N.J., October 28, 2007

**William U. Blymire (D'86)**  
York, Pa., February 13, 2008  
*Survived by his aunt, Janice Blymire Inners (DH'49)*

## Alumni Connections

**Find a former classmate and sign up for an email forwarding service** through QuakerNet, the Penn Alumni Online Community. Register free at [www.alumniconnections.com/penn](http://www.alumniconnections.com/penn) and search the Online Directory — a great resource for personal and professional networking and an easy way to keep up-to-date on fellow alumni. You can also sign up for a permanent email forwarding service, which will forward messages received at your permanent Penn address to the email address of your choice.

**Update your alumni record** via QuakerNet, the Penn Alumni Online Community. Register free at [www.alumniconnections.com/penn](http://www.alumniconnections.com/penn). Or, contact Mary McCarron at 215-898-8951 or [mrmccarr@ben.dev.upenn.edu](mailto:mrmccarr@ben.dev.upenn.edu).

**Make a gift** through a secure online credit card transaction at [www.upenn.edu/gifts](http://www.upenn.edu/gifts).

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**Request a transcript** through the School's Office of Student Affairs at 215-898-8940 if you graduated in 2000 or earlier. If you graduated in 2001 or later, visit the Office of the University Registrar's web site at [www.upenn.edu/registrar/transcripts/transcripts.html](http://www.upenn.edu/registrar/transcripts/transcripts.html) or call 215-898-6636.

**Order a replacement diploma** through the Office of the Secretary's web site at [www.upenn.edu/secretary/diplomas/#replace](http://www.upenn.edu/secretary/diplomas/#replace).

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**Purchase Penn Dental Medicine apparel** at [www.clubcolors.com/penn\\_dental\\_medicine](http://www.clubcolors.com/penn_dental_medicine). You can choose from a great selection of merchandise with the official Penn Dental Medicine logo including polos, sweatshirts, outerwear, bags and luggage, and gift items.

**Obtain a Penn Alumni Card** at [www.upenn.edu/penncard/card/obtain\\_alumni.html](http://www.upenn.edu/penncard/card/obtain_alumni.html). The Penn Alumni Card offers a myriad of benefits, including access to the Penn Libraries (borrowing privileges or access to online resources not included) and discounts on admission to the Morris Arboretum, Class of 1923 Ice Rink, and University of Pennsylvania Museum. The card, valid for 10 years, costs \$20.

**Learn about the Alumni Council on Admissions**, which guides children and grandchildren of Penn alumni through every step of the Penn undergraduate admissions process, at [www.alumni.upenn.edu/aca](http://www.alumni.upenn.edu/aca).

**Discover the variety of resources and benefits** available to Penn alumni, including discounts on services, at [www.alumni.upenn.edu/services](http://www.alumni.upenn.edu/services).

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**TOP** The groundbreaking ceremony for The Thomas W. Evans Museum and Dental Institute School of Dentistry, University of Pennsylvania, September 24, 1912.

**BOTTOM** The main clinic in The Thomas W. Evans Museum and Dental Institute School of Dentistry, University of Pennsylvania as it was at its 1915 dedication.

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# Calendar

## O F E V E N T S

### Alumni Programs & Events

**May 13, 2008**

**Senior Farewell 2008**

The Ritz-Carlton, Philadelphia  
Philadelphia, Pa.  
6:30 p.m.

**May 16–17, 2008**

**Alumni Weekend 2008**

Reunions for classes ending in “3”  
and “8”  
Philadelphia, Pa.  
For information, visit  
[www.dental.upenn.edu/AW2008](http://www.dental.upenn.edu/AW2008)

**May 17, 2008**

**American Association of Orthodontists  
Annual Session Alumni Reception**

Location TBA  
Denver, Colo.  
7:00–9:00 p.m.

**May 19, 2008**

**Class of 2008 Commencement**

Irvine Auditorium  
Philadelphia, Pa.  
1:00 p.m.

**October 17, 2008**

**American Dental Association Annual  
Session Alumni Reception**

Westin Riverwalk  
Olivares Room, River Level  
San Antonio, Texas  
6:00–8:00 p.m.

**December 3, 2008**

**Greater New York Dental Meeting  
Alumni Reception**

New York Marriott Marquis  
Cantor-Jolson Room, 9th Floor  
New York, N.Y.  
5:30–7:00 p.m.

**May 15–16, 2009**

**Alumni Weekend 2009**

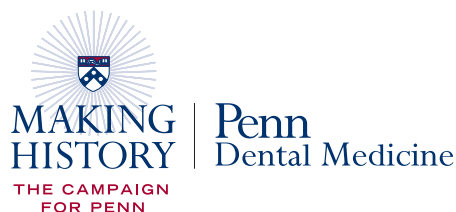
Reunions for classes ending in “4”  
and “9”  
Philadelphia, Pa.

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other alumni events, please visit  
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events.html](http://www.dental.upenn.edu/alumni/events.html) or call 215-898-8951.*

### Continuing Education Courses

Penn Dental Medicine will begin  
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dental education courses in Fall  
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[www.dental.upenn.edu/lifelong](http://www.dental.upenn.edu/lifelong)  
for information on the courses  
as the program is finalized or  
call toll free to 866-736-6233.

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