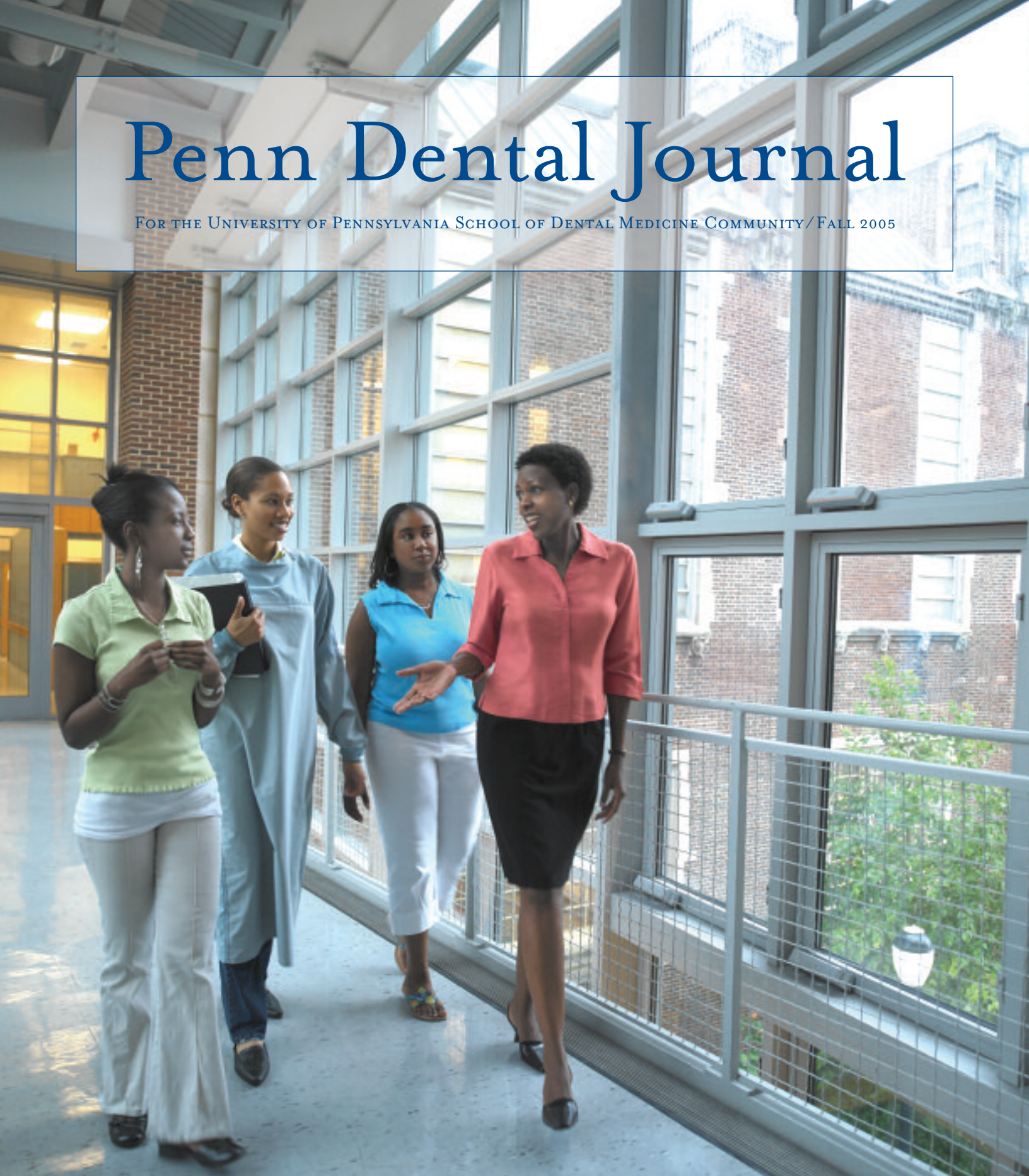


Penn Dental Journal

FOR THE UNIVERSITY OF PENNSYLVANIA SCHOOL OF DENTAL MEDICINE COMMUNITY / FALL 2005



FEATURES

Opening Eyes, Opening Minds : PAGE 2 The Knight in the Laboratory : PAGE 6

A Sherlock Holmes of Dental Medicine : PAGE 10 | **School Beneficiary of Multimillion-Dollar Bequest : PAGE 24**

IN THIS ISSUE



SCHOOL'S SHORT-TERM ENRICHMENT PROGRAM INTRODUCES DENTISTRY TO MINORITY YOUTH, PAGE 2.

Features

2 **Opening Eyes, Opening Minds**

BY JULIANA DELANY

6 **The Knight in the Laboratory**

BY JENNIFER BALDINO BONETT

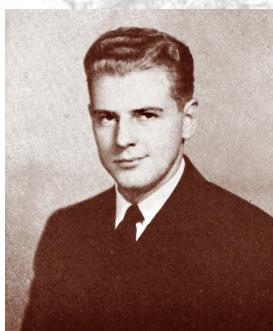
10 **A Sherlock Holmes of Dental Medicine**

BY JENNIFER BALDINO BONETT

Departments

- 14 **On Campus: News and People**
- 22 **Scholarly Activity**
- 24 **Philanthropy: Highlights and Honor Roll**
- 32 **Alumni: News and Class Notes**
- 40 **In Memoriam**

Photo: 1943 Dental Record (Yearbook)



ALUMNUS LOUIS SCHOENLEBER (C'42, D'43) LEAVES MULTIMILLION-DOLLAR BEQUEST TO PENN DENTAL MEDICINE, PAGE 24.



ALUMNI WEEKEND 2005 CELEBRATED "0" AND "5" YEAR REUNIONS, PAGE 32.



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ON THE COVER The School's Office of Minority Affairs is reaching out to minority youth, introducing them to career options within dentistry (see story, page 2). On a School tour are high school students Josephine Garbar (left) and Dominique Simmons (second, right) with Maureen Poux (D'07, second, left) and Dr. Rose Wadenya, Director of Minority Affairs (right).

A Message

FROM THE DEAN

The start of a new academic year traditionally marks a time of new beginnings on campus, and this fall is no exception at Penn Dental Medicine, where we have much to celebrate. As we welcomed back our great student body, we once again have a freshman class that includes some of the best and brightest students in the nation. This Class of 2009, made up of 64 women and 52 men, reflects the strong diversity, leadership, and achievement that are the hallmarks of Penn Dental Medicine students, and we are proud to have them join the Penn community. The Penn Dental Medicine Alumni Society officially welcomed the Class of 2009 to dentistry through our second annual White Coat Ceremony (see story, page 15). I am forever grateful to the active involvement of alumni in School programs like the White Coat Ceremony, for you play an invaluable role in inspiring our students by your example and achievements.

Thanks to the generosity of one Penn Dental Medicine alumnus, we have particularly exciting news to share from our Department of Oral and Maxillofacial Surgery. The late Dr. Louis Schoenleber, a 1943 graduate of the School, has left the majority of proceeds from his multimillion-dollar estate to the Department — the largest bequest gift in the School's history. The School has already received the first portion of the gift — \$2.1 million to endow the Louis Schoenleber Chair of Oral and Maxillofacial Surgery — and

upon final settlement of the estate, it is estimated that the gift total will likely exceed \$10 million. This tremendous bequest is the result of

Celebrate and Anticipate

the great admiration Dr. Schoenleber developed for the work of the Department through our Department Chair, Dr. Peter Quinn, D'74, GD'78 (see story, page 24). These funds will help to ensure the ongoing excellence of our Oral and Maxillofacial Surgery programs, and we look forward to sharing more news on this significant contribution upon final settlement of the estate, when the gift total and its impact will be fully realized.

In other news, faculty recruitment has continued in earnest, and I am pleased to announce new leadership in our Department of Periodontics. At the beginning of October, Dr. Joseph P. Fiorellini joined the Department as its new Chair. Dr. Fiorellini comes to Penn Dental Medicine from Harvard School of Dental Medicine, where he served as Vice Chair and Associate Professor in the Department of Oral Medicine, Infection, and Immunity; Head of the Division of Periodontology; and Program Director of Periodontology (see story, page 20). We are thrilled to have Dr. Fiorellini as part of our Penn Dental Medicine family and anticipate that the Department will continue to build its depth and strength under his direction.

Finally, we are eagerly anticipating the completion of the long-awaited Brainerd Swain Clinic in the Reid Department of Orthodontics, which is expected to be fully operational before the end of December (see story, page 17). This new, state-of-the-art facility will greatly enhance the educational resources for our students and the treatment environment for our patients, and the School is indebted to the many alumni whose support made it possible. Through this project, we also established an alternative treatment area on the third floor of the Robert Schattner Center that enabled orthodontic care and instruction to go uninterrupted throughout construction of the new clinic. This space will remain fully outfitted to accommodate treatment needs during future clinic renovations, including those of the Endodontic and Periodontic clinics in the not-too-distant future.

I hope you share my pride and joy in the news from Penn Dental Medicine this fall, for it comes through all of you — our alumni, faculty, students, and staff. Through your work in support of the School and the advancement of dental medicine, we truly do have much to celebrate now and anticipate in the future.



MARJORIE K. JEFFCOAT, DMD
Morton Amsterdam Dean





Feature

OPENING EYES, OPENING MINDS

*The Office of Minority Affairs Reaches Out to a
New Generation of Students*

BY JULIANA DELANY

How does one become a dentist? What's it really like to be on the professional side of a dental chair? For the average inner-city high school student from a minority background, these are questions he or she has probably never considered, let alone felt able to answer. Now, through the work of Penn Dental Medicine's Office of Minority Affairs, that is changing. High school students across Philadelphia are finding out what it takes to be a dentist, and realizing that dentistry just might be the career for them.

The Quest for Diversity Student diversity is a goal throughout higher education, and one that the University of Pennsylvania in general, and Penn Dental Medicine in particular, embrace wholeheartedly. Through community outreach programs, as well as support groups and events that celebrate different cultures, the Office of Minority Affairs at Penn Dental Medicine is making a concerted effort to draw and keep qualified minority candidates. While some of the Office's programs are targeted to its current students, others are reaching out to members of the Philadelphia community who may never have heard of Penn Dental Medicine. One of the fastest growing and most popular of these outreach initiatives is STEP (Short-Term Enrichment Program), which seeks to educate minority high school students about dental education and careers.

Expanding the Pool Penn Dental Medicine saw the need for a program like STEP reflected in the numbers. The number of underrepresented minorities (African American, Hispanic, and American Indian) graduating from dental schools nationwide continues to lag behind their representation in the general U.S. population. According to 1998 U.S. Census figures, African Americans, Hispanics, and American Indians made up approximately 12, 10.7, and 0.7 percent of the total population, while only 2.2, 2.8, and 0.2 percent of the nation's practicing dentists, respectively. Though Penn Dental Medicine has made significant strides over the past 15 years in increasing its underrepresented minority enrollment, it has remained apparent that ongoing efforts are vital to building a truly diverse dental workforce in the future.

"A lot of dental schools and other health professions recruit from the same minority pool," explains Dr. Rose Wadenya (D'97), Director of Minority Affairs and Assistant Professor Clinician Educator of Pediatric Dentistry at Penn Dental Medicine. "For a long time, that pool had not increased — in fact, it had been decreasing. A few years ago, we realized that recruiting students at the college level was not enough. We needed to start focusing on high school students." Penn Dental Medicine's Morton Amsterdam Dean Marjorie Jeffcoat agrees: "To maintain diversity, we need a pipeline of younger minority students interested in dental careers."

The solution? Four years ago, Dr. Wadenya met with Dr. Naty Lopez, Assistant Dean for International Relations, and Sue Schwartz, Assistant Dean for Student Affairs, and after much discussion, the answer became clear: Bring local high school students to Penn Dental Medicine for an intensive three-day workshop featuring practical advice on oral health-care and a behind-the-scenes look at what it's really like to work as a dentist.

After contacting high school principals to sell the idea and designing age-appropriate curricula, the program began to take shape. Science teachers would identify promising students and invite them to attend the program, which Penn Dental Medicine would provide free of charge each summer. The workshop would consist of an introduction to dentistry and its specialties, small-group sessions on technology and patient care, and games to break the ice and test student retention — all presented with the assistance of Penn Dental Medicine student mentors. In June 2002, the first group of 17 Hispanic and African-American high school students arrived on campus, and this new outreach program was born.

Bigger and Better Over the past three years, STEP, which is supported by funds from the Provost's Office and Penn Dental Medicine, has blossomed, and Dr. Wadenya's office has honed its approach to recruiting participants. (Now, she says, they contact high school guidance counselors and science teachers, a more direct route to identifying interested and qualified attendees.) To date, 129 minority students (98 African American, seven Hispanic, three American Indian, and 23 others) have gone through the program. They have also been able to streamline the material presented to fill two days instead of three.

There have been other changes as well. In the spirit of inclusion, the program now targets not only minorities, but all promising students at urban high schools. Guidance counselors and science teachers are invited as well, so that they will be able to describe STEP to future students. And, in order to build interest in the program beforehand, Penn Dental Medicine students now visit city high schools during the school year to introduce the summer program and provide some background on the dental profession.

This past June, the program welcomed 40 students from schools like Philadelphia Girls High, Bartram High, and Abraham Lincoln High, more than doubling its size in just three years. The young visitors enjoyed a keynote address on dentistry as a career, a tour of the dental school, hands-on experiences in the School's virtual reality simulation lab, presentations on facial and oral trauma, and the chance to make molds of their teeth.

"The students gain a number of benefits from the STEP experience," notes Dean Jeffcoat. "First, they build respect for themselves and what good oral care can do for them. Next, we open their eyes to some career choices they might never have thought of. And finally, we show them that Penn is open to everyone and within the reach of qualified students from every background."

"Excellent Role Models" "STEP could not succeed without the Penn Dental Medicine students who give their time and energy to make the workshops happen," stresses Dr. Wadenya, who chooses minority students because she feels they will be excellent role models for minority high schoolers. Often the students, already busy with classes, labs and studying, will change their schedules and switch rotations with classmates so that they are able to help out. "STEP is an absolutely spectacular program," says Felicia Swinney (D'06). "It allows high school students of color to see people who look like them working in a dental clinic and serving as mentors. That alone helps them believe it is possible to be a dentist."

"Dentistry is a choice that might not have occurred to these students," adds Kianna Simmons (D'07). "The best part of working with high school students is being able to play a part in influencing their futures. These students are full of potential and so willing to learn!"



PARTICIPANTS IN THE OUTREACH PROGRAM SPEND A DAY SHADOWING DR. ROSE WADENYA, ASSISTANT PROFESSOR CLINICIAN EDUCATOR OF PEDIATRIC DENTISTRY, IN CLINICAL PRACTICE.

A Family Affair From the minute she first conceived of a minority outreach program for high school students, Dr. Wadenya was certain that to be successful, the program had to involve parents. "We needed to start a discussion about dental careers among families," she recalls. "We knew that if we could get the parents to attend at least part of the program with their children, we would have a better chance of keeping the discussion going afterward, at home, and of keeping the students' long-term interest." As a result, parents are invited to attend the June workshop along with their children, and Dr. Wadenya has been gratified to see up to 50 percent attend. Parents are also invited to join their children on a return visit to the School for a six-month follow-up to reinforce the reality of dentistry as a possible career choice and to strengthen relationships formed with the dental students and faculty.

The Alumni Connection Last year, although STEP was receiving rave reviews from high school students, teachers, and counselors, Dr. Wadenya felt it needed a more in-depth "next step" for interested students. So, she has turned to practicing alumni for help in showing students what it is really like to treat patients. Starting this past summer, several high school students and recent graduates had the opportunity to "shadow" practicing dentists, spending time in their offices and seeing how dentists carry out their jobs.

Dr. Jeff Blum (D'80), a Clinical Associate Professor of Pediatric Dentistry at Penn Dental Medicine, has hosted several STEP students at his practice. "The students get to see how the office runs and staff interactions," he explains. "But most importantly, they observe the art and science of patient care. They come away with the feeling that they can achieve this."

Dominique Simmons, who shadowed Dr. Wadenya in her faculty pediatric dentistry practice, has done just that. After spending time with Dr. Wadenya, she has developed a strong interest in the possibility of pursuing pediatric dentistry. "I love working with kids," she says enthusiastically. "When I was young, I was afraid of dentists, and Dr. Wadenya has shown me that it doesn't have to be that way."

Full Circle Although strengthening the diversity of its student body, and thus the dental profession overall, is a primary reason why Penn Dental Medicine devotes time, energy, and grant money to STEP, Dean Jeffcoat and Dr. Wadenya believe that such programs can also have long-term, positive effects on improving access to care in areas like Penn Dental Medicine's



surrounding West Philadelphia community. A major benefit of increased minority enrollment at dental schools is the potential for a corresponding outpouring of minority dentists into cities' minority neighborhoods.

"One of our goals through STEP is to help sustain a diverse workforce, especially in urban areas," says Dr. Wadenya. "Research shows that the majority of people are comfortable with a provider of the same race and that minority dentists are more likely to return to their old neighborhoods to practice. Continuing to bring more minorities into dentistry can help to strengthen access to care in minority areas." It is her dream that some of the bright young students who attend STEP will eventually attend dental school, perhaps at Penn, and come full circle, carrying their newfound principles and knowledge home to their communities. **PDJ**

Did you know ...

James Brister, the first-known African-American graduate of Penn, was a dental student?

When James Brister received a degree from the University of Pennsylvania School of Dentistry in 1881, he became the first-known African American to graduate from the entire University. In 1993, his accomplishment inspired a group of alumni leaders to found a society in

his name. On a volunteer basis, the members of the James Brister Society work to "attract, encourage, and maintain a culturally diverse community of faculty, students, administrators, staff, and volunteers, thus enriching the University community as a whole." Among other

activities, the James Brister Society holds an annual spring event that features a board meeting and a panel discussion on issues surrounding diversity, as well as an awards ceremony for outstanding minority faculty members and students.

In 2006, the society will celebrate James Brister's legacy and the 125th Anniversary of People of Color at Penn. The kick-off event will be held at Penn Dental Medicine. For more information on the Brister Society and activities being planned in conjunction with the anniversary, visit www.alumni.upenn.edu/jamesbristersociety/.



Feature

The Knight in the Laboratory

Battling the Side Effects of Radiotherapy
through Bone Regeneration

BY JENNIFER BALDINO BONETT

Treatment for oral cancer

is a double-edged sword. Forgoing it is an extraordinary risk: The five-year survival rate for patients with oral cancer is under 60 percent. Accepting radiotherapy — the standard of care for oral cancer — yields a risk of another kind: severe oro-facial bone degeneration and seriously diminished quality of life. In addition to bone loss in the maxilla and mandible, patients suffer pain, disfigurement, and difficulty in talking and eating. Sunday O. Akintoye, DDS, MS, Assistant Professor of Oral Medicine at Penn Dental Medicine (*photo left*), is unsheathing new weapons to end this wrenching dilemma for patients with oral cancer: He is working to regenerate bone.

Growing Bone A complication of cancer of the head and neck is osteoradionecrosis. This devastating side effect of radiotherapy seriously compromises or destroys the bone in the jaws, particularly the lower jaw, causing patients pain, swelling, exposed bone, and fractures. “Our long-term clinical goal is to repair or replace the radiated bone,” explains Dr. Akintoye, a soft-spoken researcher with a laser-sharp focus.

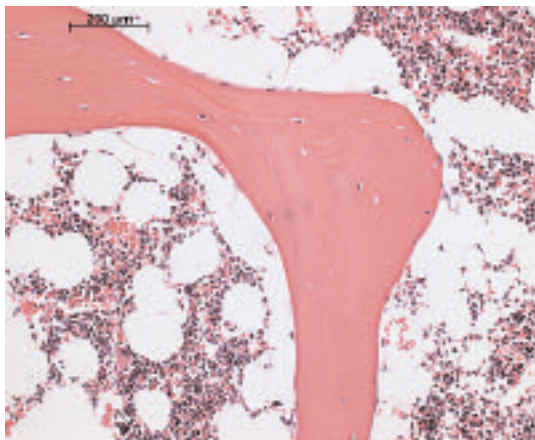
Current methods for treating radiated bone in the oral cavity rely on grafts from other bony sites like the femur and the hip bone, attractive because of their large size and easily extracted tissue. Dr. Akintoye is investigating an alternative approach. He is one of the few researchers in the field of oral medicine to study the use of adult stromal stem cells in regenerating bone in the maxilla and mandible.

The distinctive properties of stromal stem cells include their chameleon-like ability to transform. They have regenerated effectively into liver, nerve, muscle, hair follicle, and kidney cells. In his lab, Dr. Akintoye is comparing the regenerative properties of adult bone marrow stromal stem cells in the maxilla and mandible to the bone-forming properties in hip bone cells.

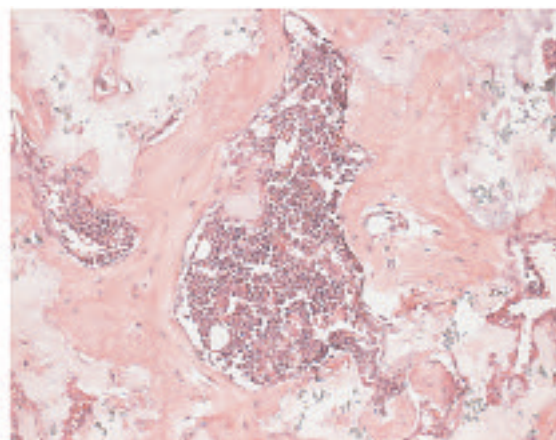
Although his study is still years away from clinical trials, his results so far are promising for patients with oral cancer. Findings to date show that site-to-site grafts of tissue from the maxilla and mandible are superior for regenerating oro-facial bone. “They are unique,” says Dr. Akintoye. “Cells isolated from the maxilla and mandible have much higher regenerative properties, grow much more rapidly than those that we have from the hip bone, and they do not need further chemical stimulation for the bone to grow.”

In addition, Dr. Akintoye’s findings may have implications beyond oro-facial bone regeneration. He notes that what he is learning about the maxilla and mandible may indicate potential for using site-to-site approaches to better rectify bone degeneration elsewhere in the body.

“Groundbreaking Work” The fight against oral cancer and the side effects of its treatment is one with wide-reaching implications. The sixth most common cancer in the world, oral cancer is one of the most devastating. Experts project some 27,000 new cases in the U.S. each year. And, despite advances in surgery, radiation oncology, and chemotherapy, the low survival rate has not significantly improved since the 1950s.



NORMAL BONE AND MARROW



REGENERATED BONE AND MARROW

"Dr. Akintoye's groundbreaking work has the potential to make a major contribution to the management of oral cancer patients with osteoradionecrosis of the bone and other diseases which are presently very difficult to treat," observes Dr. Martin Greenberg (GD'68), Chair of the Department of Oral Medicine. Like other members of the Department of Oral Medicine, Dr. Akintoye has a joint appointment at the Hospital of the University of Pennsylvania. "Our Oral Medicine faculty do quite a bit of work with cancer patients," says Dr. Greenberg. "Dr. Akintoye is the first member of the Oral Medicine Department to concentrate on the bone complications of cancer. His interests and skills help supplement other aspects of our Department's work, including improving the diagnosis of oral cancer and new ways to evaluate and treat patients with oral cancer."

Dr. Akintoye's investigations also hold promise for the treatment of other oral diseases, notes Dr. Greenberg. "While his current research is focused on osteoradionecrosis," he

the oral manifestations of FD in a 2002 study. These manifestations included malocclusion and tooth rotation. Importantly, Dr. Akintoye also found that the expansion of the maxilla and mandible (characteristic of FD) did not distort the dental arch curvature, and routine dental therapies such as extractions, restorations, and orthodontic treatment did not exacerbate FD lesions.

Fresh from a postdoctoral fellowship at the National Institute of Dental and Craniofacial Research in 2003, Dr. Akintoye joined the Penn Dental Medicine faculty with a well-regarded history of study of oro-facial bone degeneration. With more than 20 years of dental training and practice, starting in his native Nigeria in 1980, Dr. Akintoye has built a widely recognized reputation in the dental and cancer communities for his pioneering work. In 2002, he won the Lester Burket Research Award for oral medicine residents conferred by the American Academy of Oral Medicine. He is the current president of the American Association of Oral Biologists,

and national recognition of Dr. Akintoye's efforts has also come in the form of research support from the American Cancer Society and a Lance Armstrong Foundation Cancer Survivorship Grant.

He was named co-winner of the 2004 Joseph and Josephine Rabinowitz Award for Excellence in Research at Penn Dental Medicine for his project titled "Skeletal site-specific response of human bone marrow stromal stem cells to irradiation and preclinical therapeutic applications in osteoradionecrosis." The award's namesakes, Dr. Joseph Rabinowitz (GR'50), Emeritus Professor of Biochemistry, and his wife Josephine (ED'46, GED'48, GR'93), established the annual prize to promote independent research among junior faculty. A faculty advisory panel selects the award winners from nominations submitted by the School's department chairs. (For a story on co-winner Dr. Faizan Alawi, Assistant Professor of Pathology, see page 10.)

Continuing the Legacy of Oral Medicine The excellent reputation of the Department of Oral Medicine drew Dr. Akintoye to Penn Dental Medicine. "Oral medicine here has a very wide patient base that is fertile for research," he says. "The department is top-notch and highly supportive of junior investigators. The attitude of senior investigators is very encouraging to

"Oral medicine here has a very wide patient base that is fertile for research. The department is top-notch and highly supportive of junior investigators. The attitude of senior investigators is very encouraging to junior faculty morally and intellectually."

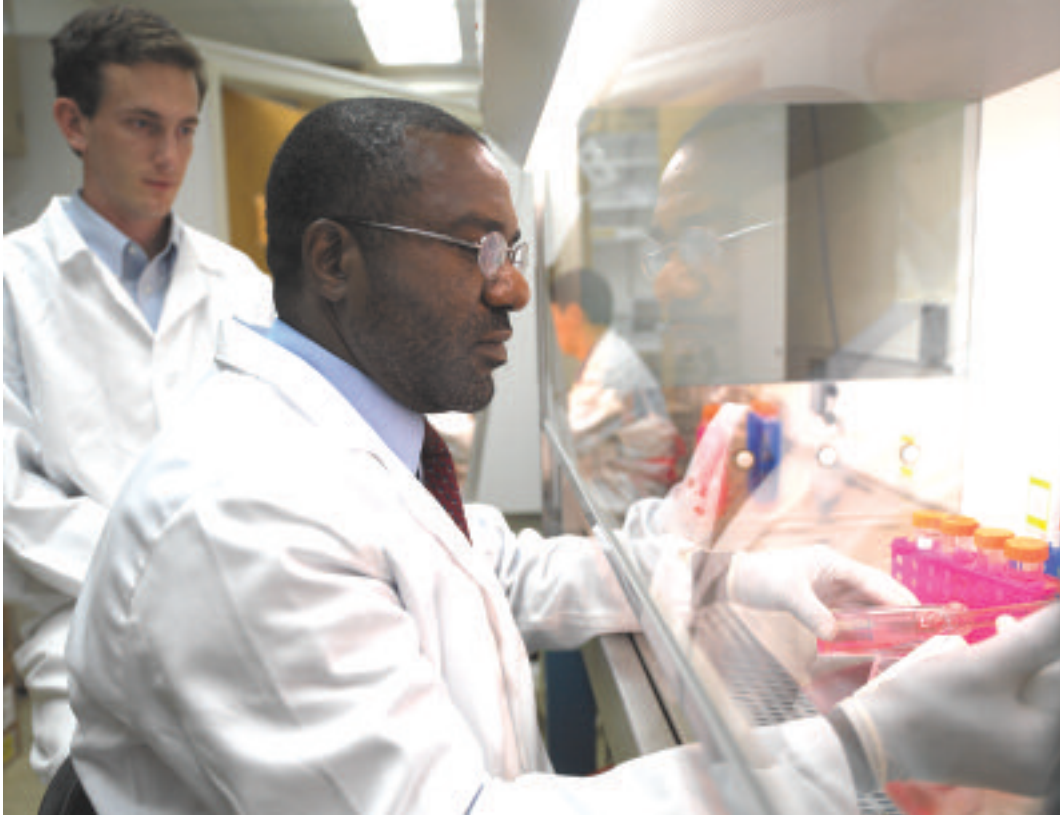
DR. SUNDAY O. AKINTOYE

says, "what Dr. Akintoye learns about growing bone could be revolutionary in treating periodontal diseases, regenerating bone diminished by certain pharmaceuticals, and creating more effective implants."

How It Began Dr. Akintoye's interest in oro-facial bone regeneration is based in his long-time study of McCune-Albright syndrome at the National Institutes of Health. McCune-Albright syndrome is a rare genetic disease causing fibrous dysplasia (FD) of bones, endocrine abnormalities, and 'café-au-lait' pigmentation of the skin. FD in McCune-Albright syndrome often affects craniofacial bones, including the maxilla and the mandible.

While its full effects on dental tissues and the implications for dental care remain unclear, Dr. Akintoye illuminated

The Knight in the Laboratory



WORKING IN THE CELL CULTURE ROOM, DR. SUNDAY AKINTOYE SHOWS RESEARCH SPECIALIST DEREK STEFANIK HOW TO ISOLATE BONE MARROW STROMAL STEM CELLS.

junior faculty morally and intellectually.” Dr. Greenberg commends Dr. Akintoye’s “unique training from the NIH and the contributions he brings to the education of our students and residents, and the management of our patients.”

At the same time, the renowned multi-disciplinary research among faculty throughout the University is leading Dr. Akintoye to collaborate on numerous levels. Currently, he is working with an investigator at the School of Veterinary Medicine to study a collagen deficiency in mice that may prove useful to Dr. Akintoye’s work on bone regeneration. And, in partnership with faculty and students in the Bioengineering Department of Penn’s School of Engineering and Applied Sciences, he is investigating the bone regenerative properties of biodegradable materials.

In addition, Dr. Akintoye stresses how the collaborative research activities between the different schools at Penn enrich learning opportunities for students throughout the

University. Bioengineering students are as welcome as dental students in his lab. He teaches in the clinic and classroom as well, instructing in Penn Dental Medicine’s Oral Diagnosis Clinic and lecturing in classes on bone disorders, salivary gland dysfunction, bone remodeling, and osseointegration.

Back in his lab, Dr. Akintoye is forging ahead. He is awaiting word of NIH funding to pursue further aspects of bone regeneration in the treatment of osteoradionecrosis with fellow 2004 Rabinowitz Award winner Dr. Faizan Alawi. “The goal of my work is to contribute to the alleviation of cancer complications,” says Dr. Akintoye. “I would really like to see the complications of radiotherapy reduced as much as possible, because it so deeply affects the quality of life of patients with oral cancer.” To those patients battling this devastating disease, that achievement would make Dr. Akintoye a true knight in shining armor. **PDJ**



Feature

A Sherlock Holmes OF DENTAL MEDICINE

Following a New Trail of Clues to Crack the Mystery
of Oral Cancer

BY JENNIFER BALDINO BONETT

Performing investigative detective work is the passion of Faizan Alawi, DDS, Assistant Professor of Pathology at Penn Dental Medicine (*photo, left*). However, you'll find this modern-day Sherlock Holmes in the Leon Levy Center for Oral Health Research wearing a lab coat, not a trench coat. His quest is the pathogenesis of oral cancer.

"Oral cancer isn't an inherited disease, but certain genetic diseases raise the risk for oral cancer as a potential consequence," says Dr. Alawi. One of those diseases — Dyskeratosis Congenita (DC) — is at the center of his investigations. DC is a rare disorder with the hallmark of chromosomal instability. In addition to a wide variety of systemic manifestations such as bone marrow failure and premature aging of the skin and other organs, DC often leads to oral leukoplakia and a significant risk for oral squamous cell carcinoma. New findings about the genetic abnormalities in DC prompted Dr. Alawi to ask this key question: Do the genes that give rise to genetic oral cancer also lead to sporadic oral cancer? "This is potentially, in my mind, a brand new avenue of study," says Dr. Alawi.

Seeking the Genesis of Oral Cancer The possible connection between the genetic and sporadic beginnings of oral cancer emanated from London, where a DC patient registry has yielded crucial findings. In recent years, studies have shown that mutations in two genes — Dyskeratosis Congenita 1 (Dyskerin) and telomerase RNA, both of which are key components in the telomerase enzyme complex — give rise to DC. The telomerase enzyme plays an important role in cell division and is thought to have a role in the proliferation of cancer cells. As cells divide, telomeres (the extremities of a chromosome) get shorter. If they become too short, a cell dies: The lengths of telomeres serve as a guide to the "age" of a cell. Telomerase maintains the lengths of telomeres, thus, if it is not working properly, the telomeres of these cells will wear down quickly.

How do telomeres relate to cancer in DC? Normally, the protein Dyskerin binds to and stabilizes telomerase RNA. But a mutation on either side negatively affects the entire telomerase complex, prematurely shortening the telomeres and heralding the genetic onset of cancer. A growing body of evidence suggests that a similar series of events also may play a role in the development of sporadic oral cancer.

Enter Dr. Alawi. "Identifying biological markers that increase susceptibility to these complex molecular changes will greatly enhance our understanding of oral carcinogenesis," he says. The eager young researcher is investigating this hypothesis: Does dysfunction in the genes that control telomere maintenance lead to sporadic oral cancer? While it's too early for definitive findings, Dr. Alawi has successfully created an in vitro model of DC in oral epithelial cells.

Dr. Alawi's creative approach to oral cancer research stands out from the traditional focus on those genes that either suppress tumor formation or cause normal cells to become cancerous. "Defining a role for a gene that contributes to telomere shortening in oral carcinogenesis would represent a completely new approach in the study of oral cancer," he explains. "Dyskerin is a unique protein whose role in disease is not yet fully defined. Are its targets unique? Can our findings translate into other conclusions?" (Since bone marrow failure and premature aging are typical features of DC, new knowledge about its genetic base may illuminate such issues as the formation and development of blood cells and the aging process.) Moreover, says Dr. Alawi, "identifying a role for Dyskerin in oral squamous cell cancer may lead to new therapeutic strategies that may increase the quality of life and the survival rate for patients with oral cancer and DC."

Putting It All Together Less than a decade into research and clinical practice, Dr. Alawi has earned accolades from the dental medicine community. Currently, he is the youngest standing member of the editorial review board of the journal *Oral Surgery, Oral Medicine, Oral Pathology, Oral Radiology and Endodontics*. At Penn Dental Medicine, Dr. Alawi was co-winner of the 2004 Joseph and Josephine Rabinowitz Award for Excellence in Research. (This followed on the heels of being named among the "Best Dentists of America" by Woodward/White Inc.) The annual Rabinowitz Award, established by Dr. Joseph Rabinowitz (GR'50), Emeritus Professor of Biochemistry, and his wife Josephine (ED'46, GED'48, GR'93), supports independent research among junior faculty. A faculty advisory panel selects the award winners from nominations submitted by the School's department chairs. (For a story on co-winner Dr. Sunday O. Akintoye, Assistant Professor of Oral Medicine, see page 6.)

While a dental student at McGill University in Montreal, Dr. Alawi studied colon cancer as a part-time research

assistant. Investigating oral cancer as a dentist “seemed the most logical route,” he explains. As a DDS, Dr. Alawi sought to combine clinical medicine with bench science. He specialized in oral and maxillofacial pathology as a resident at the New York Hospital Medical Center of Queens and in 2002 achieved board certification as a diplomate of the American Board of Oral and Maxillofacial Pathology.

“What I enjoy most about my work is the pathology — trying to play detective,” says Dr. Alawi. “The challenge of having a patient present with an oral lesion and then trying to diagnose what it is clinically and microscopically is what first attracted me to pathology. It is a very stimulating, extremely dynamic field.”

At Penn Dental Medicine, he teaches pathology and oral pathology, and he lectures to most of the School’s post-graduate students, including oral surgery residents. He also teaches medical students and surgical pathology and dermatology residents in Penn’s School of Medicine. In training up-and-coming dentists and physicians, Dr. Alawi emphasizes the

connection between oral health and overall well-being: “Oral disease can have a significant impact on physical and emotional health.” His adjunct appointments in the departments of Dermatology and Pathology and Laboratory Medicine at Penn’s School of Medicine also offer plentiful opportunities for collaboration in this regard, says Dr. Alawi.

New Light, Fresh Perspective “Penn is really an institution that makes collaboration easy to do,” says Dr. Alawi. “There is a very strong openness and willingness to reach out, and there are so many different people here with a wide array of research interests. I have daily access to and contact with pathologists, dermatologists, and head and neck specialists at the Medical School. Through my interactions with them, I learn not only about other projects and potential collaborations, but also new concepts that have an impact on my daily pathology practice.”

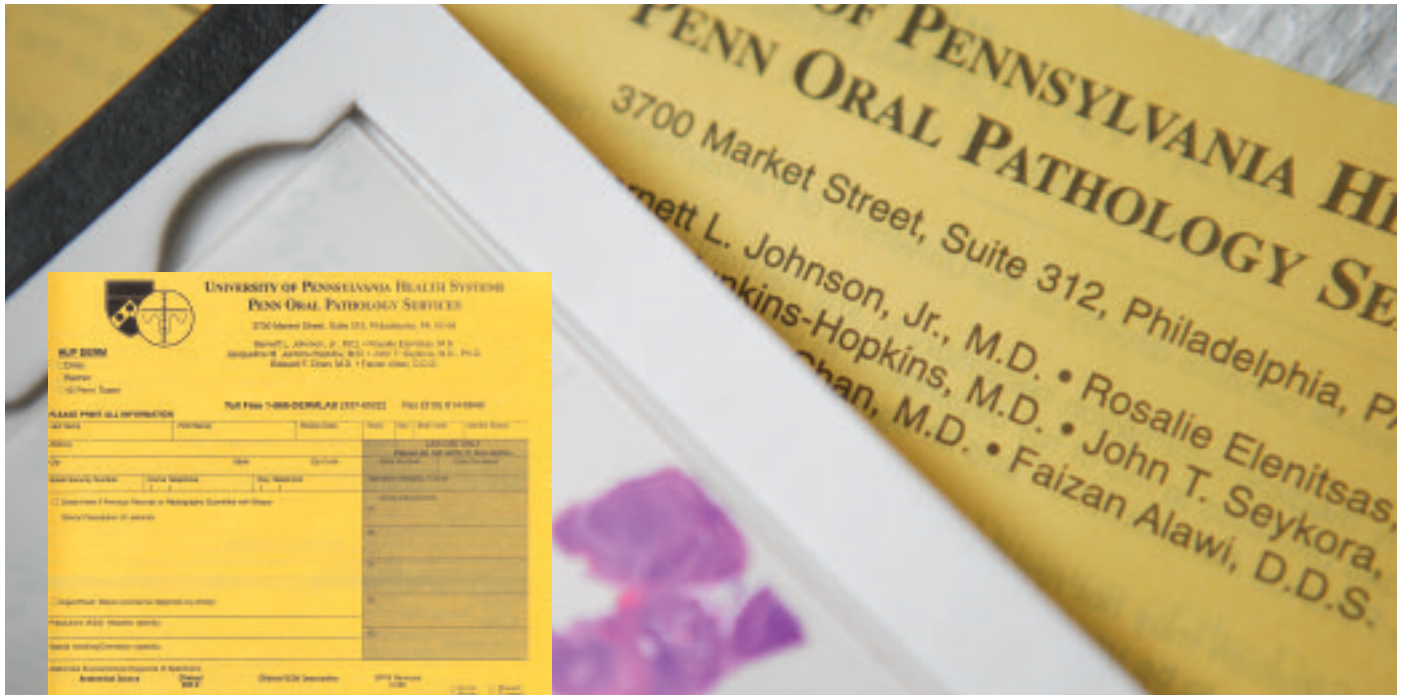
A particularly fruitful collaboration with mutual benefits for Penn Dental Medicine and Penn Medicine is the Oral, Head and Neck Tissue, Serum and Saliva Bank of the Department of Otorhinolaryngology. Dr. Alawi has access to tumor specimens in the bank for his research on oral cancer. At the same time, he is leading an effort to incorporate as many tissue samples as possible from Penn Dental Medicine

into the Tissue Bank for the mutual benefit of investigators from throughout the University. Says Dr. Alawi: “This gives us new potential for research into a whole range of different head and neck and oral diseases, including inflammatory mucosal diseases, like lichen planus, and temporomandibular joint disease.”

To increase that potential nationwide, Dr. Alawi has restored the Penn Oral Pathology Services at the Hospital of the University of Pennsylvania, which is a full-service pathology lab providing dentists and physicians with routine and specialized oral biopsy services. (For more information about the service, see sidebar, page 13.) By combining this type of intense clinical attention with his innovative bench research, Dr. Faizan Alawi is at once fulfilling his personal career goals and his professional aspirations: He is creating a new trail of clues that could crack the mysteries of oral cancer. **PDI**

DR. FAIZAN ALAWI EVALUATING ORAL TISSUE SAMPLES THROUGH HIS WORK WITH THE PENN ORAL PATHOLOGY SERVICES, AN ORAL BIOPSY SERVICE HE REINSTATED AT PENN.





Penn Oral Pathology Services: A User's Guide

Dr. Faizan Alawi, Assistant Professor of Pathology, has encountered too many cases like this one: A new patient goes to a dentist for the first time after having had oral tissue excised elsewhere on multiple occasions. On none of these occasions did the primary dentists submit a tissue sample for a pathology evaluation. The patient now presents with a recurrent lesion that Dr. Alawi has microscopically diagnosed as advanced oral cancer. The patient ultimately dies of his disease.

As a standard of care, any excised tissue should be submitted to a pathology lab for evaluation, emphasizes Dr. Alawi. This is a standard-of-care practiced in the medical world, and Dr. Alawi is canvassing his colleagues in the dental world to do the same, without exception.

"We are all confident in our own diagnostic abilities, however, sometimes even we can get fooled," he says. "If a radiograph demonstrates a radiolucency at the apex or around the crown of a tooth, 99 times out of 100 we will probably correctly discern the nature of the lesion. However, I would not want to be the one

patient (or clinician) for whom the perception was incorrect. The clinical and medicolegal repercussions can be, and often are, significant," he says. "All excised oral tissue should have a full pathological study."

Toward that goal, Dr. Alawi reinstated Penn Oral Pathology Services at the Hospital of the University of Pennsylvania, a highly accessible, specialized oral biopsy service. "The difference between a benign growth and a malignancy is one which most pathologists can make," he says. "But it's always best to have the opinion of a specialist. The same applies to oral pathology. Oral pathologists have familiarity with the clinical and histological nuances of oral diseases. This is one of the reasons why I am frequently called upon to provide my diagnostic opinions for colleagues in dermatopathology and surgical pathology." Penn Oral Pathology Services offers valuable insight to oral surgeons, periodontists, endodontists and other dental specialists, general dentists, dermatologists, and other specialists like head and neck surgeons who evaluate and treat oral disease.

To Use Penn Oral Pathology Services:

Call 1-866-DERMLAB (1-866-337-6522) to request biopsy kits, which are free of charge.

- Obtain patient consent: A form is included in the biopsy kit.
- Call the Service to request a free courier pick-up in Philadelphia and surrounding areas, South and Central Jersey, and most of Delaware. From elsewhere, ship the sample per the instructions in the biopsy kit to 3700 Market Street, Suite 312, Philadelphia, PA 19104. The Service generally offers a 24-hour turnaround time.
- Questions? Contact Faizan Alawi, DDS, at 215-573-7638 or falawi@path.dental.upenn.edu.

On Campus

NEWS



Students from each class met with members of the Board of Overseers during the June 2 town meeting.

Board of Overseers Hold Town Meeting with Students

Members of Penn Dental Medicine's Board of Overseers gathered for a special town meeting with students on June 2, providing a unique forum for exchanging ideas and building ties with each other. Held in the School's new Sig Seigel Alumni Center and Conference Room, the event drew student representatives from each class, who had the opportunity to ask questions directly to the Board and openly share thoughts on their School experiences. "The town meeting idea was born from a desire to give our Board of Overseers a sense of the life of the School from the student perspective," says Associate Dean for Development and Alumni Relations Jim Garvey, who worked with the Board on organizing the meeting.

Nine members of the Board participated in the meeting, along with Morton Amsterdam, Dean Marjorie Jeffcoat and Dr. Thomas Sollecito, Associate Dean for Academic Affairs, who moderated the discussion. Student questions and comments ranged from issues related to specific courses and requirements to clinical instruction and resources. In addition to respond-

ing to students' questions, the Board members also shared insights on their professional and educational experiences as well as their roles as Overseers.

"Our Board consists of leading clinicians and business executives in the field of dentistry, who have a wealth of knowledge and experience," notes Mr. Garvey. "They are invaluable role models to our students. Through this meeting, many of the students had the chance to meet Board members for the first time and begin to establish ties that could continue long after their time at Penn Dental Medicine." Those Board members participating in the meeting included Dr. Robert Baker, Sr. (D'52), Dr. Laurence Brody (C'52, D'56), Dr. William Cheung (D'81, GD'82), Dr. Stephen Cooper (D'71), Dr. Joseph Gian-Grasso (C'67, D'71), Dr. Lawrence Kessler (C'66, D'70), Board Chair Dr. Martin Levin (D'72, GD'74), Dr. Louis Rossman (D'75, GD'77), and Dr. Robert Schattner (D'48).

"Our students are always a priority in the planning we do, and therefore, getting student feedback is an important part of that process," says Dean Jeffcoat. "While I am fortunate to have ongoing student interaction as Dean, it is helpful to also create opportunities such as this for dialogue between students and the volunteers on our Board." This town meeting was the first of its type to be held at Penn Dental Medicine. "We believe the Dental School is the first across the University to ever try this format," Mr. Garvey adds. "It proved to be a wonderful exchange of ideas and observations."

New Scholarship Bolsters Aid for Disadvantaged Students

Penn Dental Medicine has bolstered its financial aid resources for students through the Scholarships for Disadvantaged Students program, an initiative of the U.S. Department of Health and Human Services' Health Resources and Services Administration (HRSA). The School applied to the program for the first time this year and has been awarded \$116,500 for the 2005-06 academic year. "Students cannot apply for the scholarship directly. Schools apply for the funds and then make individual awards from their pool of eligible students," explains Assistant Dean for Student Affairs Sue Schwartz, who applied to HRSA for the scholarship funds. Recipients within the Penn Dental Medicine student body are being selected based on HRSA guidelines and individual awards will be made this fall.

The program was established by HRSA to support students from economically and environmentally disadvantaged backgrounds. "The goal of the program is to promote diversity

among students and practitioners with the hope that many choose to practice in communities where their help is needed,” adds Ms. Schwartz. HRSA’s guidelines state that eligibility includes educational/environmental circumstances that have inhibited the individual from obtaining the knowledge, skills, and abilities required to enroll in and graduate from a health professions school, or a family adjusted gross annual income below a level based on low income thresholds. Recipients must also be U.S. citizens or permanent residents.

“Our student body is made up of incredible individuals,” says Ms. Schwartz. “Some have overcome great personal challenges to attend dental school at the University of Pennsylvania, and we are pleased to have this new source of funds to help support them in reaching their goals.”

Faculty Retreat Focuses on Curriculum Review

This summer, the Penn Dental Medicine faculty turned its attention to the School’s curriculum, devoting a two-day retreat to a comprehensive review and evaluation process. Both full-time standing and part-time associated faculty members participated in the retreat, which was held June 17 and 18 on Penn’s campus. “Our goal was to first look at the curriculum as it currently stands – both strengths and shortcomings – and then identify and discuss changes and new initiatives we want to introduce and how best to implement them,” says Dr. Thomas Sollecito (D’89, GD’91), Associate Dean for Academic Affairs, who worked with Morton Amsterdam Dean Marjorie Jeffcoat to organize the retreat.

The retreat opened with a plenary session that provided a curriculum overview to highlight issues relating to content, timing, and format as well as suggested additions and potential redundancies. “In preparation for the retreat, I canvassed the entire faculty

and asked them to review the whole curriculum for perceived deficiencies and overlaps,” notes Dr. Sollecito. “This review, along with feedback gathered from students, was presented and laid the ground work for our discussions.” The faculty then divided into four groups to address four key areas – curriculum overlaps and redundancies, new technologies, treatment planning, and clinical and basic science integration. Each group was asked to identify what they felt needed to be accomplished in each of these areas, how those issues could be addressed, the resources needed to do them, and when such changes could be implemented within the curriculum. On day two of the retreat, the faculty met as a whole to report on their group discussions and begin setting priorities for short- and long-term goals.

Since the retreat, the Steering Committee of the School’s Curriculum Committee has met several times to begin prioritizing and implementing the recommendations. One step already taken as an outcome of the retreat was an addition to the freshman orientation program, focusing on the integration of the basic and clinical sciences. Plans are also being laid out to incorporate a new practice management course into the 2006–07 academic year.

“I think the retreat was an overwhelming success. I have had tremendous feedback from faculty on the importance of taking the time for this type of review,” adds Dr. Sollecito. “It was very productive, and as a result, we are developing a cogent plan for moving ahead and making positive changes.” This was the second faculty retreat held during Dean Jeffcoat’s two-year tenure and she anticipates more in the future. “We have a tremendous level of skill and experience within our faculty,” she notes, “and gathering as a group to share ideas is invaluable to the strength of the School and its programs.”

Penn Dental Medicine Welcomes Class of 2009

Penn Dental Medicine welcomed the Class of 2009 to the School and the study of dental medicine with its second annual white coat ceremony, held August 22 in the University’s Zellerbach Theatre, Annenberg Center for Performing Arts. This special ceremony was launched last year under the sponsorship of the Penn Dental Medicine Alumni Society and established as an ongoing tradition for incoming classes. More than 300 gathered for the event, including students and their families, alumni, faculty, and staff.

“The white coat represents the principles of trust, integrity, and ethics that form the foundations of the doctor-patient relationship. It is exciting to see a new class making this commitment and entering a profession that offers so many rewards,” says Dr. Tara Sexton (D’88), President of the Penn Dental Medicine Alumni Society, who presented the welcoming remarks at the ceremony. “I know the professional values and ties I developed while at Penn continue to support me in my work. Incoming students should know that now, they too, have a great network

CLASS OF 2009 FACTS & FIGURES

- 116 members — 64 women and 52 men
- From 25 different states
- Represent seven foreign countries — Albania, Bolivia, Canada, Jamaica, Kenya, Korea, and Syria
- Mean overall GPA — 3.57

of faculty and alumni to draw upon throughout their schooling and beyond.”

The ceremony program included remarks by Morton Amsterdam Dean Marjorie Jeffcoat and Associate Dean for Development and Alumni Relations Jim Garvey; a keynote address by the University’s new Provost, Ronald



The Class of 2009 recites the Penn Dental Medicine Professional Pledge during the White Coat Ceremony, held August 22 in Zellerbach Theatre.

Daniels; and a presentation on the history of Penn Dental Medicine by Dr. D. Walter Cohen (C'47, D'50), Dean Emeritus. The white coat presentations were made to each member of the Class of 2009 by members of the Penn Dental Medicine Alumni Society Executive Committee. Dr. David S. Williams (D'77) joined in cloaking his daughter, Erika L. Williams, in her white coat. (Ms. Williams' grandfather, the late Dr. Ned B. Williams (D'38), also graduated from Penn Dental Medicine). And, Pablo Elizondo was cloaked by his father-in-law, Dr. Russell G. Marriott (D'73), and his grandfather-in-law, Dr. Verne E. Marriott (D'39). The ceremony concluded with the reciting of the Penn Dental Medicine Professional Pledge and was followed by a reception for all attendees.

The white coat ceremony was scheduled to be included as one of the many programs held during the four-day freshman orientation, which ran from August 22 to 25. The School's orientation week features a full schedule of presentations and activities

designed to present an overview of the academic program, introduce the services and resources within the School and University, and help students get to know each other. "One of the greatest parts of our orientation is the involvement of second-year students. This year, we had 26 student volunteers," notes Assistant Dean for Student Affairs Sue Schwartz, who oversees the orientation program. "They shepherd incoming students through the orientation week, organize social activities, and play an invaluable role in helping to guide freshmen and relieve anxiety. Our tremendous students are truly one of the School's most valuable assets."

Community Health Internship Building Students' Service, Learning Experiences

This summer the Bridging the Gaps Community Health Internship Program continued to give students an outlet for extending their educational experiences beyond the campus and into local communities. This interdisciplinary internship program, which is administered jointly by seven academic health centers located in Philadelphia, Erie, and Pittsburgh, has more than 220 students participating. Seventeen Penn Dental Medicine students between their first and second year participated in the 2005 program, which ran from June 20 to August 5.

The interns worked at one of the program's 22 community-based sites in Philadelphia as part of interdisciplinary teams that included medical, nursing, or social work students from Penn or one of the other affiliated Philadelphia universities. The sites ranged from senior centers and preschool camps to homeless shelters and youth programs, where the Bridging the Gaps teams developed health-related community projects. Students are matched with community sites based on both student interest and community need.

"It's nice for dental students to look at broader issues in community health, rather than just oral health," says Dr. Joan Gluch, Director of Community Health at Penn Dental Medicine and the Dental Academic Preceptor for the program. "The idea is for them to view healthcare and social issues from the client's perspective. We want the students to look at healthcare in the context of all the many other elements of a person's life." Four days a week, the student interns work closely with community members at their respective sites. The students spend the remaining day of the week in academic course work that focuses on public and community health issues.

During her work at the Horizon House and New Keys in West Philadelphia, Yolanda Madison (D'08) addressed the needs of chronically homeless adults with serious mental illness and substance abuse disorders. She took people grocery shopping, located healthcare referral sites, and even accompanied a community member to court. "This was a great experience, because I got to learn more about and help a population that is difficult to work with," says Ms. Madison. She and her partner Amanda Barczyk (SW'06), a Penn social work student, also organized a health fair at their site.

The Bridging the Gaps program culminated with the Community Health Symposium held on September 16 at Drexel University. Students prepared

poster presentations that showcased their team's activities and also presented workshops based on their experiences working in the community setting.

"The intensive community experience, academic coursework, and the interdisciplinary nature of the program combine to provide a unique summer internship," Dr. Gluch says. "I feel very fortunate that we can give students such an in-depth experience in community health. For many of them, it truly is life changing."

Orthodontic Clinic Construction Proceeding Ahead of Schedule

Construction of the School's new Brainerd Swain Clinic in the Reid Department of Orthodontics is proceeding ahead of schedule with the new space expected to be fully operational before the close of this calendar year. Work on the clinic began in early July, and at press time, was moving ahead aggressively. "Because of the age of the Evans Building, we never know what we might encounter when undertaking a renovation project," notes Associate Dean for Finance and Administration Tom Freitag. "At this stage, all is going smoothly. Yet through it, we have learned a lot about the Building's infrastructure that will help us in future renovations."

The new clinic will occupy the entire southwest corner of the Thomas Evans Building's second floor. Along with providing a state-of-the-art clinical care and educational environment, one of the key design elements will be the exposure of the original windows on the south side of building, which will flood the space with natural light. This new facility will feature 19 chairs and be outfitted with the most advanced equipment, including computer capabilities in each operatory that will allow for the future introduction of digital radiography and chair-side patient charting. In addition, the clinic will be designed for added patient and student privacy during consultation and treatment. The space will also include a consultation room, an expanded

2005 Summer Research Program Participants

This year, the Penn Dental Medicine Summer Research Program marked its 25th anniversary of providing students with hands-on experience in dental research. Fourteen students took part in the 2005 program, conducting research for two to three months with faculty preceptors from both the basic and clinical sciences. The Summer Research Program, which is funded by the School, also gives students the opportunity to learn how to present their research; all participants will make poster presentations at the School's Oral Health Fair, held in the spring. "Very few students consider an academic or research career," says Dr. Joseph DiRienzo, Professor of Microbiology and Assistant Dean for Student Research, who oversees the summer program. "Hopefully this experience will encourage them to involve research in the rest of their dental careers."

The participants in the 2005 Summer Research Program included:

- Kerri Bourgeois (D'07), *A phase 3, multicenter, randomized, blinded, controlled study of NV-101 for efficacy and safety in patients undergoing simple mandibular procedures*, Dr. Elliot Hersch, Professor of Oral Surgery/Pharmacology, preceptor
- Celeste McDonald (C'06), *Effects of type III collagen haploinsufficiency on skeletal development*, Dr. Sherrill Adams, Professor and Chair of Biochemistry, preceptor

- Banafsheh Vahid (D'08), *Regulation of interaction between MV and matrix macromolecules to form collagen calcification*, Dr. Ellis Golub, Professor of Biochemistry, preceptor
- Abhishake Banda (D'08), *Early diagnosis of rheumatoid arthritis with detection of anti-CCP antibodies (Ant-CCP) in saliva and gingival crevicular fluid*, Dr. Daniel Malamud, Professor Emeritus of Biochemistry and Dr. Edward Lally (GD'73, GR'79), Professor of Pathology, preceptors
- Derek Conover (D'08), *Neutralization of the nuclease activity of the *Actinobacillus actinomycetemcomitans* cytolethal distending toxin by serum antibodies from local progressive periodontitis patients*, Dr. Jonathan Korostoff (D'85, GR'91, GR'92), Associate Professor/Clinician Educator of Periodontics, preceptor
- Amir Ghadiri (D'08), *Role for dyskerin in the pathogenesis of oral cancer*, Dr. Faizan Alawi, Assistant Professor of Pathology, preceptor
- David Daniels (D'08), *The effects of IGF-I expression on craniofacial muscle function*, Dr. Elisabeth Barton, Assistant Professor of Anatomy and Cell Biology, preceptor
- Lindsay Pfeffer (D'08), *Role of IGF-I isoforms in proliferation and differentiation of muscle cells*, Dr. Elisabeth Barton, Assistant Professor of Anatomy and Cell Biology, preceptor
- Soon (Sue) Hwang (D'08), *The role of the Rho signaling pathway in the response of ameloblasts to fluoride*, Dr. Carolyn Gibson, Professor of Anatomy and Cell Biology, preceptor
- Suhm Kim (D'08), *Prevalence of pediatric obesity in a dental school setting*, Dr. Andres Pinto (D'99, GD'01, GR'06), Assistant Professor/Clinician Educator of Oral Medicine, preceptor
- Jessica Lynch (D'08), *Radiographic evaluation of peri-implant alveolar bone loss*, Dr. Linda Otis, former Associate Professor of Oral Medicine, preceptor
- Meryl Sava (D'08), *Interaction of *Actinobacillus actinomycetemcomitans* with lipid rafts*, Dr. Edward Lally (GD'73, GR'79), Professor of Pathology, preceptor
- Michael Simontacchi-Gbologah (D'08), *Electrochemical impedance spectroscopy study of peptide attachment to titanium*, Dr. Francis Mante (D'95), Associate Professor of Restorative Dentistry, preceptor
- Ryan Tamburrino (D'06), *Material properties, preparation dimensions and stresses in post and core restored mandibular second premolars: a finite element analysis study*, Dr. Zahra Afsharzand, Clinical Associate Professor of Restorative Dentistry and Dr. Francis Mante (D'95), Associate Professor of Restorative Dentistry, preceptors

patient waiting area, a more functional reception/business office, and a faculty and student locker room.

Complementing the new clinic will be the Ackerman Orthodontic Seminar Room (formerly Room S-13), which is situated in a corridor adjacent to the orthodontic clinic.

Orthodontic care and instruction have gone uninterrupted throughout the construction process through the use of an alternative treatment area set up on the third floor of the School's Robert Schattner Center. Fully equipped for complete treatment needs, this area features 12 operatories and will remain in tact following the completion of the orthodontic clinic to accommodate clinical care needs during future clinic renovations. "The orthodontic clinic is a long-awaited project for the School, made possible through the generous support of many alumni," adds Jim Garvey, Associate Dean for Development and Alumni Relations. "And with its completion, we hope that it will be another in a series of important renovations of our clinical and academic space."

Research Symposium Honors

Dr. Joel Rosenbloom

Penn Dental Medicine recognized Dr. Joel Rosenbloom (M'62, GR'65), Professor Emeritus of Anatomy and Cell Biology, for his work in advancing scientific discovery and the School's level of research with a special symposium in his honor. Held at Penn Dental Medicine on October 15, the event was attended by Penn Dental Medicine faculty as well as other eminent scientists from throughout the United States and Canada, many of whom were Dr. Rosenbloom's collaborators during his years with the School. The symposium focused on connective tissue research – Dr. Rosenbloom's primary field of study.

"We wanted to honor Joel for his many contributions to science over the length of his career. He was the leader who really catapulted the research of the School to where it is today," says Dr. Edward Macarak (GR'73), Professor and Chairman of the Department of

Anatomy and Cell Biology, who organized the symposium. "During his tenure as Associate Dean, the research enterprise at the School became one of the most well known and respected in the United States. He led the way in moving us from morphology-based research to focusing on cell and molecular biology."

Dr. Rosenbloom retired from Penn Dental Medicine in 2004 after 34 years with the School. He joined the Department of Anatomy and Cell Biology in 1970 as an Associate Professor, became Professor in 1974, and served as Chair from 1975 through 1999. He was Associate Dean for Research from 1984 to 1999, and during his tenure, he also served as Director of the Research Center in Oral Biology.

A leader in the connective tissue field, Dr. Rosenbloom's research focused on the biochemistry and molecular and cellular biology of the extracellular matrix, with emphasis on collagen and elastic fibers. His laboratory was the first to clone the elastin gene, which led to the detailed understanding of the structure of the protein and the relation of this structure to elastic properties.

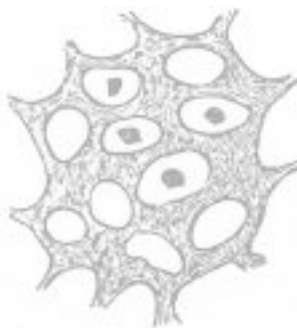
The symposium speakers, all of whom were collaborators with Dr. Rosenbloom, reflected on his contributions to the field of connective tissue research and shared the latest on their work as well. The speakers included Dr. Robert P. Mecham of Washington University of St. Louis School of Medicine, Dr. Juoni Uitto of Thomas Jefferson University Medical College, and Dr. Nicholas A. Kefalides of the University of Pennsylvania School of Medicine. Dr. Daniel Malamud, Professor Emeritus of Biochemistry at Penn Dental Medicine, served as the moderator of the symposium, which was followed by a cocktail reception and dinner in the atrium of the Robert Schattner Center. "Joel has given so much to scientific research and to Penn Dental throughout his career," adds Dr. Macarak. "His contributions and achievements continue to be an inspiration in our research today."



The 2007 PASS class.

Penn Dental Medicine Welcomes New PASS Class

Penn Dental Medicine welcomed a new class of foreign-trained dentists to its Program for Advanced Standing Students (PASS) in April. This year's class, pictured above, includes 33 students representing 14 countries (Belarus, China, Egypt, Ghana, India, Iran, Jordan, Korea, Nigeria, Pakistan, Poland, Romania, Syria, and Taiwan). Before joining the Class of 2007 this fall, PASS students completed a summer session of preclinical work and lectures. Penn Dental Medicine is one of 23 U.S. dental schools that offer a PASS program, which awards students a DMD after successful completion of the School's third- and fourth-year classes and clinics. The PASS program is administered by the Office of International Relations under the leadership of Dr. Uri Hangorsky, Associate Dean, and Dr. Naty Lopez, Assistant Dean.



On Campus

PEOPLE

Dean Jeffcoat Featured in NIH Educational Video

Penn Dental Medicine's **Morton Amsterdam Dean Marjorie Jeffcoat** will be one of three dental researchers nationwide featured in a new educational video being produced by the National Institutes of Health (NIH). Titled *Women in Dental Research*, it is the final video in a five-part series called *Women are Researchers* that has been developed by NIH's Office of Research on Women's Health and Office of Science Education to encourage young girls to consider research careers.

"The topic areas chosen for the series have a critical need for new young women. In each, we select outstanding women role models to inform and encourage young girls to consider these various fields of research and science as career options," says Gloria Seelman, an Instructional Specialist in the Office of Science Education and the Executive Producer for the video series. "The target audience is girls from eighth grade to high school, when most decisions are made about taking advanced math and sciences."

Also featured in *Women in Dental Research* are researchers Dr. Jennifer Webster-Cyriaque, a Dental Ecologist and Associate Professor at University of North Carolina Chapel Hill, and Dr. Deborah Greenspan, a Clinical Professor of Stomatology at the University of California San Francisco (UCSF) School of Dentistry and Clinical Director of the UCSF Oral AIDS Center. The other videos in the *Women are Researchers* series focus on women surgeons, pathologists, researchers from a variety of fields, and women scientists with disabilities.

The NIH visited Penn Dental Medicine for three days in May to film the segments with Dean Jeffcoat. The video is expected to be released in fall

2006. Approximately 10,000 copies will be produced on DVD for distribution to middle and high schools, at teachers' conferences, and to medical schools and other medical institutions, which are using the video series for outreach to their communities.

Standing Faculty Promotions

Penn Dental Medicine is pleased to announce the promotions of two members of its standing faculty — **Drs. Kathleen Boesze-Battaglia** and **David C. Stanton (D'88, GD'95)**. Both promotions were effective July 1. The appointment of Dr. Boesze-Battaglia, Associate Professor of Biochemistry, was converted to tenure. She has held this tenure-track position with the School since 2002, where her primary responsibilities include teaching Biochemistry 501, a required course for first-year students, and serving on several University and Penn Dental Medicine committees. Dr. Boesze-Battaglia's research activities focus on the molecular mechanisms promoting membrane fusion.

Dr. Stanton has been promoted to Associate Professor/Clinician Educator of Oral and Maxillofacial Surgery. Dr. Stanton is the program director of the Oral and Maxillofacial Surgery residency program, and director of the third-year course, Principles of Oral and Maxillofacial Surgery. Dr. Stanton practices at the Hospital of the University of Pennsylvania, where he is also an attending surgeon. He also holds an attending surgeon position at Children's Hospital of Philadelphia.

Three New Members

Named to Board of Overseers

Penn Dental Medicine has named three new members to its Board of Overseers. **Drs. David S. Tarica (D'83), Matthew J. Doyle, and Roger Levin**, were officially appointed to these new roles with the School at the June 15 meeting of the University's Board of Trustees. They will each serve a three-year term on the Board.

Dr. Tarica brings many years of experience in private dental practice to the Board. He has three successful offices in New York, including 34th Street Dental Associates and 42nd Street Dental Associates in New York City and Green Acres Dental Associates in Valley Stream, N.Y., which he runs in partnership with Dr. Randal Hight. Dr. Tarica graduated from Penn Dental Medicine in 1983, and also serves on the board of the Solomon Schechter Day School of Nassau County.



Dr. David S. Tarica

Dr. Doyle serves as Associate Director and Senior Researcher of the Procter & Gamble Company Health Care Research Center, a division of The Procter & Gamble Company, based in Cincinnati, Ohio. He has held



Dr. Matthew J. Doyle

his current position since 1996, having advanced through a diversity of research and development roles with Procter & Gamble since the completion of his academic studies in

1983. Dr. Doyle holds a PhD in analytic chemistry and biochemistry from the University of Cincinnati and an MS in chemistry from there as well. He is the author of *Chemical Analysis: A Solutions Guide* and a frequent contributor to professional journals.

Dr. Levin is Founder and Chief Executive Officer of the Levin Group, Inc., a dental practice management consulting firm in Owings Mills, Md. The Levin Group operates eight general practice and specialty divisions and has trained more than 7,500 dentists on how to manage their practices effi-

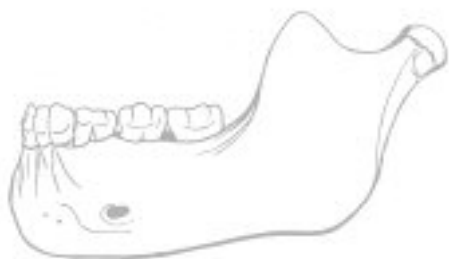


Dr. Roger Levin

ciently and profitably. A frequent lecturer and widely published author, he serves as the practice management editor of six dental journals, including *Esthetic Dentistry Update*, and is a columnist for

The Journal of the American Dental Association. Dr. Levin earned his DDS from the University of Maryland Dental School in 1982 and an MBA from Chadwick University in 1990.

"All three new members bring a great deal of experience to the Board," says Morton Amsterdam Dean Marjorie Jeffcoat. "The School will benefit greatly from their skills and knowledge. We are fortunate to have them serving Penn Dental Medicine in this capacity."



Penn Dental Medicine Names Department of Periodontics Chair

After a nationwide search, Penn Dental Medicine has announced the appointment of **Dr. Joseph P. Fiorellini** as Chair of the Department of Periodontics. Dr. Fiorellini comes to Penn Dental Medicine from Harvard School of Dental Medicine, where he served as Vice Chair of the Department of Oral Medicine, Infection and Immunity; Head of the Division of Periodontology; Program Director of Periodontology; and Associate Professor in the Department of Oral Medicine, Infection, and Immunity. Throughout his tenure at Harvard, Dr. Fiorellini has also maintained a private practice in periodontics and implant dentistry. He earned his DMD from Harvard School of Dental Medicine in 1990, and in 1993, was awarded a DMSc degree in Oral Biology and a Certificate in Periodontology from Harvard as well.



Dr. Joseph P. Fiorellini

"We are extremely pleased to welcome Dr. Fiorellini to the Penn Dental Medicine family," says Morton

Amsterdam Dean Marjorie Jeffcoat. "He brings great expertise and energy to the role, and I am confident the Department will continue to grow and develop in exciting ways under his leadership."

Dr. Fiorellini currently serves on the editorial boards of the *Journal of Periodontology*, the *International Journal of Oral and Maxillofacial Implants* and *The International Journal of Periodontics and Restorative Dentistry*. He has authored more than 50 manuscripts, reviews, and textbook chapters, and his research awards have included National Institutes of Health and International Association of Dental Research travel grants, The American Academy of Periodontology Young Investigators Award, The Academy of Osseointegration Research Award, and The European Association for Osseointegration Research Prize.

Dr. Fiorellini assumed his new post as Chair on October 1, succeeding Dr. Cyril Evian, Clinical Professor of Periodontics, who has been serving as Interim Chair. "The Penn Dental Department of Periodontics has a rich history of leadership in the field, and I am looking forward to working with the faculty to build upon that," says Dr. Fiorellini. "It is a great opportunity, and I am excited to be at the School."

2005-06 Class Officers

Penn Dental Medicine students elected the following individuals to lead their respective classes this academic year. The Class of 2009 had not yet held its elections at press time.

CLASS OF 2006

President: Barrie Matthews
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Endodontic Faculty Member Sharing Skills through Service Trips

As a Penn Dental Medicine student, it was a love of travel that led Dr. Jamie Kang (D'98, GD'01), now a Clinical Assistant Professor in the School's Department of Endodontics, to complete an externship in China in December 1997. Less than five years later, the death of her only brother, Joon Koo Kang, in the September 11 World Trade Center attacks took her travel interests in a new direction — that of service.

"Something big like that makes you think about what kind of legacy you are going to leave," says Dr. Kang. "What you once thought was important does not seem as crucial anymore. I realized that I could use my career to serve a bigger purpose." This desire motivated Dr. Kang to jump at the opportunity to do some medical relief work in Uzbekistan in April 2004 and again this past April in Afghanistan.

"My experience in Uzbekistan helped me be all the more appreciative of the clinical resources and training available at Penn Dental Medicine," notes Dr. Kang. "It also gave me a new perspective on my professional life." Her church, Emmanuel in West Philadelphia, sponsored the 10-day Uzbekistan trip, and Dr. Kang was invited by a friend to join the medical team that went to Afghanistan in April of this year.

Dr. Kang, her friend, and seven other healthcare professionals manned a mobile clinic in Afghanistan for 10 days. She raised approximately \$2,500 to support the project. Penn colleagues also donated supplies, including anesthetics and x-ray films.

Arriving in Kabul, the group drove 11 hours north through snow-covered mountains. "In each village, they gave us a house built with mud or a mosque to set up in. Most of the villages had no electricity or running water," recalls Dr. Kang. "The people were so resilient and grateful. One village had never even had a mobile clinic visit. My Penn Dental education was really put to work!"



Dr. Jamie Kang (D'98, GD'01), Clinical Assistant Professor of Endodontics, with one of her young patients during her service trip to Afghanistan.

As the only dentist on the trip, Dr. Kang got little rest. "I saw as many as 100 patients a day for basic care, cleaning, and extractions," says Dr. Kang. "Everyone needs a dentist, so I was the last one working at the end of the day."

Penn Dental Medicine Student Participates In Washington Health Policy Fellowship

Penn Dental Medicine students continue to distinguish and challenge themselves by taking on unique learning opportunities. This summer was no exception as Alex Quintner (D'08) became one of only three dental students nationwide chosen to participate in the Washington Health Policy Fellowship Program in Washington, DC.

Sponsored by the American Medical Student Association Foundation, the six-week program provides an introduction to the health and social policy process by giving participants hands-on experiences in congressional offices, health advocacy organizations, research institutes, and federal agencies. This year, a total of 10 students from throughout the country were accepted into the program; it was the first year that dental students have participated.

Part of the program's goal is to give students an understanding of the economic, social, and political forces that influence health status and health-care delivery. Research and analysis of current health policy issues are also key elements of the learning experience. "Policy is only a small part of dental school education," says Mr. Quintner. "This program allows for a more comprehensive understanding of how dentistry and legislation fit together and impact patients and the practice."

Mr. Quintner was assigned to the National Consumers League, working in the Health and Food Department as an intern. His main responsibility was to research and report on the public's perception of the differences between optometrists and ophthalmologists in light of state legislation being passed that will mark the differences between the scope of practice for each profession.

The students also had the opportunity to participate in a Lobby Day and a day on the Hill, meeting with their respective state representatives to discuss specific policy choices. "The concept of lobbying was such a foreign thing to me before this program," notes Mr. Quintner. "It's pretty empowering, because you realize that with organization and knowledge of the cause you can really make a difference."

Scholarly Activity

Awards & Achievements

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

- Paul Goldhaber Award 2005 for outstanding national and international contributions to dental education and the profession, presented by Harvard School of Dental Medicine.

Dr. Scott S. DeRossi (D'95), Assistant Professor/Clinician Educator of Oral Medicine, Assistant Dean for Admissions, and the Director of Graduate Dental Education

- Elected Penn Dental Medicine Faculty Senate President.

Dr. Elliot Hersh, Professor of Oral Surgery and Pharmacology

- Basic Science Award for excellence in teaching within the basic sciences, presented by the Class of 2005. This is the fourteenth straight year that Dr. Hersh was presented with this award.

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

- Surgeon General David Satcher Keynote Lecturer Award, presented by the Commissioned Officers Association, June 2005.

Dr. Nathan Korbin, Clinical Assistant Professor of Restorative Dentistry

- Robert E. DeRevere Award for excellence in preclinical teaching, presented by the Class of 2005. This is the second year in a row that Dr. Korbin has received this award.

Dr. Joel Laudenback, Clinical Associate of Oral Medicine and Oral Medicine Resident, **Dr. David Wunder**, Oral Medicine Resident (co-winners)

- Robert Schattner Award for the Oral Medicine Resident of the Year, presented by the Department of Oral Medicine.

Dr. Louise Skarulis (D'80), Clinical Associate of Restorative Dentistry

- Joseph L.T. Appleton Award for excellence in clinical teaching, presented by the Class of 2005.

Dr. Thomas P. Sollecito (D'89, GD'91), Associate Dean for Academic Affairs and Associate Professor of Oral Medicine

- Voted Best Dentist *Main Line Today* 2003–2005.
- Appointed a Co-investigator for World Workshop of Oral Medicine.

Dr. Eric T. Stoopler (D'99, GD'02), Assistant Professor/Clinician Educator of Oral Medicine

- Achieved Diplomate Status with the American Board of Oral Medicine, October 2004.

Dr. Yi-Tai Jou (D'99), Assistant Professor/Clinician Educator of Endodontics

- Earle Bank Hoyt Award for teaching excellence by a Penn graduate who is a full-time junior faculty member, presented by the Class of 2005. This is the fifth year in a row that Dr. Jou received this award.

Selected Publications

A selection of work published by Penn Dental Medicine faculty to date in 2005 and/or since the printing of the Spring 2005 Penn Dental Journal. Faculty members are indicated in bold.

Ali H, Panettieri, RA. *Anaphylatoxin C3a receptors in asthma*. Respiratory Research. 2005; 6:19.

Chalovich, EM, Koike, MA, Aras, MA, Murphey-Corb, M, Wiley, CA, and **Jordan-Sciutto, KL**. *Pocket proteins, p107 and p130, exhibit increased expression in SIV infected macrophages in SIV encephalitis*. Neuropathology. 2005; In Press.

DeRossi SS, Stoopler ET, Sollecito TP. *Temporomandibular disorders and migraine headache: Comorbid conditions?* The Internet Journal of Dental Science. 2005; Volume 2 Number 1.

Gibson CW, Thomson, NH, **Abrams WR**, Kirkham J. *Nested genes: biological implications and use of AFM for analysis*. Gene. 2005; 350:15-23.

Hersh EV, Lally ET, Moore PA. *Update of cyclooxygenase inhibitors: Has a third COX isoform entered the fray?* Current Medical Research and Opinions. 2005; 21:1217-1226.

Iqbal MK, Gartenberg J, Kratchman S, Karabucak B, Bui B. *Clinical significance and management of accessory canals in maxillary central incisors*. JADA. 2005; 136(3); 331-5.

Kang P, **Korostoff, J**. (co-first author), Volgina A, Grzesik W, **DiRienzo, JM**. *Mixed cultures of human oral cells: Use of cell specific markers to assess differential effects of the cytolethal distending toxin of *Actinobacillus actinomycetemcomitans**. Journal of Medical Microbiology. In press, 2005.

Kanno F, Volgina A, **Korostoff, J, DiRienzo, JM**. *Differential response of sodium fluoride on the cytolethal distending toxin of *Actinobacillus actinomycetemcomitans**. J Periodontol. 2005; 76:1189-1201.

Li Y, Decker S, Yuan ZA, DenBesten PK, Aragon MA, **Jordan-Sciutto KL, Abrams, WR**, Huh J, McDonald C, Chen E, MacDougall M, **Gibson CW**. *Effects of sodium fluoride on the actin cytoskeleton of murine ameloblasts*. Archs Oral Biol. 2005; 50:681-688.

Morgan KL, Chalovich EM, Otis LL, Wiley CA, **Jordan-Sciutto KL**. *E2F4 expression patterns in SIV encephalitis*. Neuroscience Letters. 2005; 382(3):259-264.

Simpson SA, Manchak MD, Hager EJ, **Krummenacher C**, Whitbeck JC, Levin MJ, Freed CR, Wilcox CL, **Cohen GH, Eisenberg RJ**, Pizer LI. *Nectin-1/HvE C mediates herpes simplex virus type-1 entry into primary human sensory neurons and fibroblasts*. J Neurovirol. 2005; 11:208-218.

Slaughter YA, Malamud D. *Oral diagnostics for the geriatric populations: Current status and future prospects*. Dental Clinics of North America. 2005; 49:445-461.

Slaughter YA, Taylor L. *Perceptions of dental care needs among African American elders: Implications for health promotion*. Spec Care Dentist. 2005; 25(3):158-63.

Sollecito TP, Sullivan KE, Pinto A, Stewart J, Korostoff J. *Systemic conditions associated with periodontitis in childhood and adolescence. A review of diagnostic possibilities*. Med Oral Pathol Oral Cir Bucal. 2005; 10:142-50.

Sollecito TP. *Preface*. Dental Clinics of North America. 49(1): xvii-xix, 2005 Jan.

Stoopler ET. *Oral herpetic infections (HSV 1 – 8)*. Dent Clinics of North America. 2005; 49: 15-29.

Strachan, GD, Koike MA, Siman R, Hall DJ, and **Jordan-Sciutto KL**. *E2F1 induces cell death, calpain activation, and MDMX degradation in a transcription independent manner implicating a novel role for E2F1 in neuronal loss in SIV encephalitis*. Journal of Cellular Biochemistry. In Press, 2005.

Strachan GD, Kopp AS, Koike MA, Morgan KL, **Jordan-Sciutto KL**. *Chemokine- and neurotrophic factor-induced changes in E2F1 localization and phosphorylation of the retinoblastoma susceptibility gene product (pRb) occur by distinct mechanisms in murine cortical cultures*. Experimental Neurology. 2005; 193(2):455-468.

Thangam EB, Venkatesha RT, Zaidi AK, **Jordan-Sciutto KL**, Amrani, Y, Panettieri Jr, R.A, and **Ali, H**. *Airway smooth muscle cells do not express receptors for complement components C3a and C5a but they enhance C3a-induced mediator release in mast cells*. FASEB Journal. 2005; 19(7):798-800.

Venkatesha, RT, Thangam EB, Zaidi AK, **Ali H**. *Distinct regulation of C3a-induced MCP-1/CCL2 and RANTES/CCL5 production in human mast cells by extracellular signal regulated kinase and Pl3 kinase*. Mol Immunol. 2005; 42, 581-587.

Selected Grants

The following grants were awarded to date in 2005 and/or since the printing of the Spring 2005 Penn Dental Journal.

Department of Anatomy & Cell Biology

Effects of Fluoride on Dental Cell Biology, 12/05-11/09
Funding Source: National Institutes of Health
Principal Investigator: Dr. Carolyn W. Gibson, Professor of Anatomy & Cell Biology

Factors Affecting Craniofacial Muscle Regeneration, 7/05-6/10
Funding Source: National Institutes of Health
Principal Investigator: Dr. Elisabeth R. Barton, Assistant Professor of Anatomy & Cell Biology

Functional Analysis of IGF-I Isoforms, 10/05-9/09
Funding Source: National Institutes of Health
Principal Investigator: Dr. Elisabeth R. Barton, Assistant Professor of Anatomy & Cell Biology

Regeneration of Human Cementum, 4/05-3/09
Funding Source: National Institutes of Health
Principal Investigator: Dr. Wojciech J. Grzesik, Research Assistant Professor of Anatomy & Cell Biology

Department of Biochemistry

Analysis of Peripherin/RDS Fusogenicity in Vivo, 4/05-3/27
Funding Source: National Institutes of Health
Principal Investigator: Dr. Kathleen Boesze-Battaglia, Associate Professor of Biochemistry

Caspase-3 Activity is Required for Rank-I Induced Osteoclast Differentiation, 12/05-11/09
Funding Source: Thomas Jefferson University
Principal Investigator: Dr. Kathleen Boesze-Battaglia, Associate Professor of Biochemistry

NMR Structure of the Tetraspanin, Peripherin-2: Wild Type and Disease Mutants, 9/05-8/07
Funding Source: National Institutes of Health
Principal Investigator: Dr. Kathleen Boesze-Battaglia, Associate Professor of Biochemistry

Regulatory Kinases in BMP-Mediated HMSC Osteogenesis, 4/05-3/07
Funding Source: National Institutes of Health
Principal Investigator: Dr. Anna M. Osyczka, Research Associate, Department of Biochemistry

Department of Microbiology

Cellular Pathways Activated by Herpes Simplex Virus gD Interaction with Nectin-1 During Viral Entry, 7/05-6/06
Funding Source: University Research Foundation
Principal Investigator: Dr. Claude Krummenacher, Research Assistant Professor of Microbiology

Discovery of Antiviral Compounds that Block Smallpox Processive DNA Synthesis, 3/05-2/06
Funding Source: Middle Atlantic RCE
Principal Investigator: Dr. Robert P. Ricciardi, Professor of Microbiology

Immediate – Early Genes of KSHV, 6/05-5/10
Funding Source: National Institutes of Health
Principal Investigator: Dr. Yan Yuan, Associate Professor of Microbiology

Mechanism and Blocking Vaccinia Virus DNA Processivity, 1/05-12/09
Funding Source: National Institutes of Health
Principal Investigator: Dr. Robert P. Ricciardi, Professor of Microbiology

Role of KSHV ORFAS in Viral Immune Evasion & Replication, 1/05-12/08
Funding Source: National Institutes of Health
Principal Investigator: Dr. Fanxiu Zhu, Research Associate, Department of Microbiology

Smallpox Subunit Vaccine in the C-Perl Expression System, 10/05-9/08
Funding Source: National Institutes of Health
Principal Investigator: Dr. Gary H. Cohen, Professor and Chair of the Department of Microbiology

Studies of Herpes Simplex Virus Glycoproteins, 6/05-5/10
Funding Source: National Institutes of Health
Principal Investigator: Dr. Gary H. Cohen, Professor and Chair of the Department of Microbiology

Department of Oral Medicine

Bone Regeneration in Treatment of Osteoradionecrosis, 4/05-3/09
Funding Source: National Institutes of Health
Principal Investigator: Dr. Sunday O. Akintoye, Assistant Professor of Oral Medicine

Ryan White Title I AACO-OHOP, 3/05-8/05
Funding Source: AIDS Activities Coordinating Office
Principal Investigator: Dr. Thomas P. Sollecito, Associate Dean for Academic Affairs and Associate Professor of Oral Medicine

Stem Cell Therapy for Osteoradionecrosis Complicating Orofacial Cancer (Animal Model), 5/05-4/07
Funding Source: Sidney Kimmel Foundation for Cancer Research
Principal Investigator: Dr. Sunday O. Akintoye, Assistant Professor of Oral Medicine

The Incidence of Amyloid Deposition in Abdominal and Oral Mucosal Tissue in Patients Initially Diagnosed with Multiple Myeloma, 6/05-5/06
Funding Source: Multiple Myeloma Research Foundation
Principal Investigator: Dr. Eric Stoopler, Assistant Professor/Clinician Educator of Oral Medicine

Use of Pilocarpine to Reduce the Incidence of Dental Caries in Patients With Sjogren's Syndrome – A Randomized Controlled Clinical Trial, 1/05-6/05
Funding Source: MGI Pharma Inc.
Principal Investigator: Martin S. Greenberg, Professor and Chair of the Department of Oral Medicine

Department of Oral Surgery/Pharmacology

A Phase 3, Multicenter, Randomized, Blinded, Controlled Study of NV-101 for Efficacy and Safety in Patients Undergoing Simple Maxillary Procedures, 4/05-3/06
Funding Source: Novalar Pharmaceuticals, Inc.
Principal Investigator: Dr. Elliot V. Hersh, Professor of Oral Surgery/Pharmacology and Director of the Division of Pharmacology and Therapeutics

Department of Pathology

Analysis of AA-Human Immune Cell Interactions, 7/05-5/10
Funding Source: National Institutes of Health
Principal Investigator: Dr. Edward T. Lally, Professor of Pathology

G-Protein Coupled Receptors in Asthma and Inflammation, 12/05-11/10
Funding Source: National Institutes of Health
Principal Investigator: Dr. Hydar Ali, Associate Professor of Pathology

Regulation of Toll-like Receptor Signaling in Mast Cells, 7/05-6/06
Funding Source: University of Pennsylvania Research Foundation
Principal Investigator: Dr. Hydar Ali, Associate Professor of Pathology

Role of DKC1 in Sporadic Oral Squamous Cell Carcinoma, 7/05-6/07
Funding Source: National Institutes of Health
Principal Investigator: Dr. Faizan Alawi, Assistant Professor of Pathology

Role of Phospholipid Signaling on Chemokine Gene Expression in Leukocytes, 7/05-6/07
Funding Source: American Heart Association
Principal Investigator: Dr. Hydar Ali, Associate Professor of Pathology

Department of Periodontics

CLTR: A Prospective, Randomized-Controlled Multicenter Study of the Osseotite, 3/22-9/30
Funding Source: Implant Innovations
Principal Investigator: Dr. Harold S. Baumgarten, Clinical Professor of Periodontics

Immediate and Delayed Loading of Straumann 4.1MM and 4.8MM Implants in the Posterior Mandible and Maxilla: A Controlled Randomized Study of Single or Two-Three Unit Restoration Loaded Immediately After Surgery or in the Fourth Week After Surgery, 1/05-1/09
Funding Source: Straumann USA
Principal Investigator: Dr. Edwin S. Rosenberg, Clinical Professor of Periodontics
Co-Investigator: Dr. Jonathan Korostoff, Associate Professor/Clinician Educator of Periodontics

Laboratory Evaluation of Five Dentifrice Products for Depth Removal (DDR) and Subgingival Access (SA), 6/05-12/05
Principal Investigator: Dr. Samuel L. Yankell, Research Professor of Periodontics

Standardized Laboratory Toothbrush Testing, 7/05-9/05
Principal Investigator: Dr. Samuel L. Yankell, Research Professor of Periodontics

Philanthropy

HIGHLIGHTS

Department of Oral and Maxillofacial Surgery Beneficiary of Multimillion-Dollar Bequest

Penn Dental Medicine's Department of Oral and Maxillofacial Surgery has been named the beneficiary of a significant bequest gift — the largest in the School's history. Alumnus Dr. Louis Schoenleber (C'42, D'43) passed away January 7, 2005 at the age of 84, leaving the majority of proceeds from his multimillion-dollar estate to the Department. While liquidation of the estate is still ongoing, the School has received the first portion of the gift — \$2.1 million to endow the Louis Schoenleber Chair of Oral and Maxillofacial Surgery — and it is estimated that upon final settlement, the gift total will likely exceed \$10 million.

"This gift is the culmination of a 12-year relationship between Dr. Schoenleber and the Department of Oral and Maxillofacial Surgery, which he adopted shortly after his 50th reunion," says Dr. Peter Quinn (D'74, GD'78), who is the first Louis Schoenleber Chair of Oral and Maxillofacial Surgery. (The trust to endow this chair was established by Dr. Schoenleber in 1993.) "Dr. Schoenleber loved oral surgery, and he had a great interest in our dual-degree program at Penn. Our program seemed to fulfill his dreams of what should happen in this specialty, which he entered at its very beginnings."

In 1993, the year of his retirement, Dr. Schoenleber returned to Penn Dental Medicine for his 50th reunion, largely with the goal of learning more about the School's dual-degree program in Oral and Maxillofacial Surgery, recalls Dr. Quinn, who had established the program at Penn in 1989. During his reunion visit, Dr.

Schoenleber met with Dr. Quinn for the first time — that would be the beginning of his great admiration for the work of the Department and his deep friendship with Dr. Quinn. It was the trust and respect that Dr. Schoenleber developed for Dr. Quinn over the past 12 years that led to his decision to support Penn Dental Medicine's oral surgery program through his bequest.



Dr. Louis Schoenleber, pictured here in 1995, began his close relationship with the Department of Oral and Maxillofacial Surgery after returning to the School for his 50th reunion in 1993.

"He was fascinated by the work we did and always wanted to know more. He would ask me to bring case slides to his home, so he could see what we were doing and how we did it," says Dr. Quinn. "He also took great interest in our residents. He wanted to know how we taught them, what they were doing, and where they were going from here." The Oral and Maxillofacial Surgery Residency Program is among the areas that Dr. Schoenleber's bequest will be able to support. According to his will, the funds can also be used by the

Department of Oral and Maxillofacial Surgery to fund research, facility construction and renovation, continuing education, new technology and equipment, and endowed professorships and faculty positions.

Dr. Schoenleber practiced oral surgery in Ridgewood, N.J., for 35 years, entering dentistry at a time prior to formal oral surgery training. He graduated from Penn Dental Medicine in December 1943, as part of a class that was accelerated to move graduates quickly into the armed forces during World War II. Dr. Schoenleber gained much of his surgical experience during his World War II service in the Navy, where he achieved the rank of Commander. He was on active duty until 1946 and fulfilled the remainder of his naval service commitment on the staff of the Brooklyn Naval Hospital. Throughout his career, he also served on the staff of St. Michael's Hospital in Newark, Valley Hospital in Ridgewood, Bergen Pines Hospital in Paramus, and Hackensack University Medical Center and had affiliations with the Fairleigh Dickinson University and the University of Medicine and Dentistry of New Jersey. At one time, he was also an Adjunct Clinical Professor of Oral and Maxillofacial Surgery at Penn Dental Medicine.

"Over the years, our Department helped Dr. Schoenleber realize what the specialty of oral and maxillofacial surgery had become," notes Dr. Quinn. "And now through his gift to the School, he will have the lasting legacy of helping the Department realize even more."

Philanthropy

HONOR ROLL, JULY 2004 - JUNE 2005

After completing my first year as Associate Dean for Development and Alumni Relations, I have come to appreciate two important things.

First, Penn Dental Medicine has to be one the most energized and forward-thinking institutions I have ever been connected with — a proud history combined with cutting-edge professional education and research. Second, most of our distinguished alumni around the world don't really know how much the School has changed and grown over the years. As time passes, some simply no longer feel connected. I have spent considerable time contemplating this disconnect in an effort to bring our alumni back in touch with the Penn Dental Medicine of today.

The reason is simple. A strong, engaged alumni group is critical to the future of the School. Naturally, philanthropy is an important component, but alumni can offer so much more to their alma mater. Acting as mentors to students, giving CDE courses, and advising school leadership on the latest issues and challenges of the dental profession, are all important to the Penn Dental Medicine community and helps us continue to be a global leader in dental education. Simply put, we need you.

I would like everyone to consider this short epistle as an invitation. While we go to great lengths to reach out to all our alumni around the world, don't simply wait for the next communication, the next mailing or Alumni Weekend brochure. Get involved, make a connection. It may be more rewarding than you know. Our mission has not changed — we are creating tomorrow's leaders in dentistry today and we need your help to be the very best in the world.

The following pages are devoted to those alumni, parents, and friends who have demonstrated their support of Penn Dental Medicine through giving in 2004–05. We could not remain in the pursuit of excellence very long without their very tangible gifts.

If your name appears, I personally extend my deepest gratitude for your loyalty and obvious affection for the School. If, however, you do not see your name listed, I invite you to consider an investment, large or small, in this vibrant learning community. We are all shareholders in the Penn Dental Medicine mission. We face its challenges together and together we reap its rewards.

Remember, it's never too late to reconnect, to share your experiences and expertise, and to come home. You will be wholeheartedly welcome.

JIM GARVEY

Associate Dean for Development and Alumni Relations



Annual Giving Donors

This list includes all alumni, parents, and friends who made unrestricted gifts totaling \$250 or more to Penn Dental Medicine's annual giving funds in 2004–05.

The generosity of these donors provides essential support for Penn Dental Medicine's highest priorities, and a stable and ever-increasing source of support that builds upon a rich history of forging precedents in dental education, research, and patient care. Unrestricted giving will continue to be critical to the School's success in adapting its programs to stay at the forefront of dental medicine, and to prepare its graduates to do the same.

BENJAMIN

FRANKLIN SOCIETY

The Benjamin Franklin Society is the University of Pennsylvania's leadership unrestricted annual giving group. Members of the Benjamin Franklin Society form the most critical base of support for the University and serve as a powerful motivator for garnering greater participation. Through their vision and generosity, members of the Benjamin Franklin Society are an inspiration and example to others.

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Robert H. Williams, CHE'59, D'63

RED AND BLUE SOCIETY

Named after the University of Pennsylvania's colors, the Red and Blue Society honors those donors who make significant gifts in support of the University.

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THOMAS EVANS SOCIETY

*Named after Thomas Evans, who
left his estate to Penn Dental
Medicine, the Thomas Evans
Society honors those donors
who, like Evans, want to support
a dental school that is "second
to none."*

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Hygiene alumni who made a gift
to any Penn Dental Medicine fund
in 2004-05. If a graduate has mul-
tiple degrees from Penn Dental
Medicine, they are listed under the
class year of their first degree.*

1924
Melvin Herrmann

1932
P. Richard Wexler

1933
Frederick R. Stelzer

1934

Clement C. Alpert
Malba Lilly Oakley

1935—70th Reunion

Emil R. Blaukopf
Eric Offenbacher

1937

Seymour Bauch
Everett E. Kunkel

1938

Hyman Katz
Seymour J. Kreshover
Joseph Relkin

1939

Alfonso J. Anastasio
Frank Kanter
Herbert C. Krouk
Irving M. Richter
William A. Sheehan

1940—65th Reunion

Nicholas V. Clemente
Arnold J. Levine
George L. Price
Eli P. Zebooker

1941

Frederick L. Agnew
Ivan F. Barnes
Josephine L. Dombroski
Irwin Honigfeld
David J. Kennedy
Paul H. Keyes
Leonard Koltnow
John R. Lilliendahl, Jr.
Morton B. Parmet
Stanley Pensak
Sidney G. Rachlin
Irving M. Rothstein

1942

Sidney Canarick
Herbert H. Feld
Solomon Shapiro

1943

Jeanne L. Altland
Edward Z. Filler
Harry S. Galblum
Clarence E. Gingras, Jr.
Daniel Gordon
Norman H. Joondeph
Robert Litowitz
Estate of Louis Schoenleber, Jr.
Donald L. Sinclair
James R. Warner, Jr.

1944

Frank R. Berson
Herbert Fuerst
James Alfred Hallman
Thomas W. Holtzman
Arthur B. Levitt
Jacob H. Ludwig, Jr.
Jack M. Pitlick
Nicholas D. Saccone
Robert J. Steinberg

1945—60th Reunion

Morton Amsterdam
Eugene R. Ball
Alan B. Benjamin
Herbert I. Chauser
Emmett R. Costich
E. Earl Doyne
Harold E. Glazier
Jerome C. Gorson
William C. Hudson, Jr.
Burton E. Kane
Robert R. Lacey, Jr.
Martin Litman
Aaron M. Litwak
Virginia Simmons Moorhead
Seymour W. Silberberg

1946

William Abesh
Richard C. Ferguson
Melvin B. Fuerst
Joseph H. Goldberg
Joseph M. Gould
Charles E. Hillyer
Frederick Kapinos
Harold D. Neuwrith

William Pearlstein
John A. Ruffini

1947

Edward B. Allen
Irving J. Alper
Fredericka B. Carter
Anthony B. Deluca
Henry Gaines
Louis H. Guernsey
Luella R. Hauck
Margery M. Hall Johnston
Jack Magill
J. Raymond Moore, Jr.
David S. Nemerow
Charles J. Rehkamp
Mortimer L. Weisenfeld

1948

Edward F. Callaghan
Salvatore A. Cordaro
Joanne Axtell Holz
Theodore H. Kirrstetter
Peter S. Pappas
Harry R. Philippi
Helen Crafts Price
Lee F. Reilly, Jr.
Robert I. Schattner
Lawrence I. Shepard
Thomas L. Smyth

1949

Harold V. Garrity, Jr.
George A. Krikos
Sheila Berger Mark
R. Leonard Weinberg
George J. Whinston

1950—55th Reunion

Theodore Adler
L. Bowman Banford, Jr.
D. Walter Cohen
Ralph D. Fleming
Henry A. Geidel, Jr.
Harold Krivins
S. Arthur Rybeck

1951

Edward U. Austin
Dorothy R. Cellini
Edwin Cowen
Robert J. Disney
Jay D. Edwards
William W. Flanagan, Jr.
Clifford E. Loper
Frank R. Lowrey
Bruce L. Malcolm
George C. Matthews
Kenneth W. Miller
William E. Rasberry
John H. Rey
Dillman C. Sallada, Jr.
Nevin C. T. Shaffer
Barbara M. Stolzenberg
Edwin S. Sved
Chester W. Taylor
Joyce Barnett Unger

1952

Robert Warren Baker, Sr.
Clayton H. Birdsall
Glenn F. Bitler
Raymond K. Clark
Robert H. Conte
Edwin A. Golubiewski
Joseph Gorelick
Richard C. Heintz
Roger P. Kellogg
Dorothy A. Kinney
Daniel L. Lowenstein
Anthony J. Russo

1953

H. Russell Bernd, Jr.
Alvin Bodenstein
Colum J. Boyland
Harvey Cedarbaum
C. Peter Chaconas
Richard G. Commons
Donald A. Cooper
Kristen Dalane
Douglas M. Dunbar
Glen E. Foster, Jr.
Richard H. Gates
Joseph I. Gerber
Ina Canady Gross
Richard D. Grossman

George H. Haden
Jesse H. Hogg, Jr.
C. Clark Johnson
George S. Johnson
Thomas R. Judy
Bernard P. Lewis
Joan K. Mathews Wilkow
Charlotte Y. McClell
Edwin R. McDevitt, Jr.
Martin J. Moran 3rd
Seymour Olet
Robert N. Reynolds
Ralph C. Schroeder
Mary Rose O. Sharkey
William C. Stavrides
Thomas O. Sweet
Arthur H. Tomlinson
Coleman R. Tuckson
Robert A. Werner

1954

Richard C. Baumbach
John Allan Bier
William A. Billingham
David O. Boxwell
Joseph B. Cohen
Errikos Constant
Thomas T. Doran
Joseph P. Falcetti
Richard D. Field
Alan G. Harquail, Jr.
Fred D. Heilbrunn
Ilze Lakstigala
Philip H. Lowell
Richard L. McClelland
Thomas A. McManus, Jr.
James W. O'Hara, Jr.
J. Paul Owens
Herbert G. Saunders
Vincent J. Smith
Claude W. Springer
Richard P. Udall
William L. Wesner
Arthur L. Wool

1955—50th Reunion

Albert J. Anderson, Jr.
Adam F. Andrews-kiewicz
Karl F. Arbogast, Jr.
George S. Atebara
William T. Balton
David J. Bleiberg
Daniel A. Bomberger
William R. Bond, Jr.
Brendan J. Boylan
Deo Rhodes Boyland
Herbert A. Brode
Lee Cassella
Philip Po Cheung Chan
Howard M. Cyr, Jr.
Edmund A. Dabagian
Donald P. Elliott
Daniel G. Genthner
Robert A. Greene, Jr.
Arthur Edward Halprin
John L. Kotchick, Jr.
Miles D. Lazerwitz
Richard Levine
Suzanne Weaver Lizotte
C. Wendell Lofland
Lawrence W. Loveland
John R. Mann, Jr.
Richard W. Marcus
G. Edward McComsey, Jr.
Arthur Z. Ponce
Wayne B. Ranck
Arthur L. Ruderman
Robert D. Schweitzer
Alden L. Snyder
Gerald Sowsey
Robert E. Timby
Morton J. Weyler
Stephen Wotman
John T. Ziegler

1956

Charles V. Adrian
Anthony J. Bernardo
Laurence B. Brody
Vincent A. Callery
Frank T. Christian
Edmund B. Coughlin
Joseph E. Deitch
David C. Dickinson

Alvin Eller
Harold B. Ginsberg
Frances B. Glenn
Heber T. Graver
Edward G. Holteen
G. Robert Lange
Robert G. Latoff
Myra H. Lehman
Bernard M. Mechlowitz
Robert K. Mehler
Paul G. Mosch
Kenneth W. Purdy, Jr.
Bartley C. Reuter
Charles B. Rice
Thomas M. Sagges
John C. Saladino
Peter K. Schaeffer
David L. Schwartz
Drew F. Seibert
Irving R. Spector
Donald G. Tomlin
Morton S. Weinstein
Stewart B. Whitmarsh
Bernard J. Zeldow

1957

George I. Baxter
Leslie R. Becker
Joseph D. Belzile
Matthew J. Cohen
Leonard A. Cole
Richard M. Cushner
Harold M. Faigel
John W. Feuerbach
Paul A. Kaye
Stuart A. Kleit
Burton S. Kornfeld
Edgar R. Kunz, Jr.
H. Leslie Levine
Maija G. Ozols
Louis A. Rigali
Joseph Stock
Alan M. Stoneback
Leon H. Strohecker
Thomas G. Woodman

1958

Edward G. Bednar
Dean A. Brainerd
Richard J. Castor
Francis A. Defrino
James R. Donovan
Norman F. Faulkner
Abe M. Finton
Aaron M. Hader
Jacob Harris
Walter W. Hashimoto
Rowland A. Hutchinson
Leonard G. Jewson
Edwin D. Joy, Jr.
J. David Kohn
Norman W. Leard III
Arthur Marshall
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Albert Melli
Alvin S. Morrison
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Joseph R. Pastorello
Murray J. Plishtin
David Rapkin
Herbert A. Schneider
Francis W. Siebert
Marvin H. Sitrin
Charles W. Tager
Robert J. Valent
Kenneth W. Werley
Minnie Cotler Zack

1959

Anthony Agag
Chris T. Armen
Gerald Barrack
David W. Beebe
Joseph R. Bonacci
Richard P. Dakin
Norman F. Davis
Alan E. Deegan
Gerald L. Fine
Arthur M. Gitlin
Jay I. Glat
Alfred H. Greenberg
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Jack Piekarsky
Nicholas G. Pituras
Frederick W. Richtart
Stanley B. Segal
Robert B. Spilker
John T. Stevens
Peter H. Strife
Alfred C. Thompson

1960—45th Reunion

James L. Ackerman
Barry Benn
Natalie Kalick Bluth
Norman Bluth
Philip S. Caplan
Arthur S. Cobin
Frederick L. Cox
Richard C. Durbeck
James H. Dyen
Arthur Fertman
Edgar F. Geigel
Jack S. Ginsberg
Peter B. Gregory
Clark A. Heydon, Jr.
William F. Lenker
Rein Maavere
Barbara D. Marquardt
Philip A. Miolene
Jan A. Olenginski
Bertram H. Serota
W. Roger Sorg
Harvey Wenick
Harold P. Wittman
Arthur E. Zack

1961

James J. Canalicchio
Philip F. Cerveney, Jr.
Lawrence G. Coulter
Donald M. Felber
Allen Findley
Martin Glassman
Clifton H. Good, Jr.
James A. Hazlett
Judith Arnold Hewitt
Anastassios T. Koussis
John C. McKenna
Edwin S. Mehlman
Patricia S. Setzer
John W. Sheffield, Jr.
Richard E. Snyder
Norman A. Whytock
James Pinson Woolf
David F. Zeyher

1962

Bernard F. Buteau, Jr.
Ross P. Cafaro
Richard M. Feingold
Lawrence A. Friedman
David G. Gifford
Gordon B. Groff
Florence C. Kollmar
Barry W. Langsam
David S. Lesser
Joseph Lipa, Jr.
Donald B. Munger
Michael Norman
Thomas S. Redmond
Richard S. Schatten
Paul L. Segal
Harry A. Snyder
Henry J. Strazzella
Nongnuj Amranand Unakul
Charles Walowitz
Eli Wilks
Alan N. Winnick
Elsa F. Wixom

1963

John D. Andrews
Philip R. Barbell
Nicholas J. Borrello
Antonio Castro
David J. Crossley
Charles P. Hadtke, Jr.
Deanna McElwain Nelson
I. David Popkin

Lawrence N. Rouff
Betty Brussel Shamas
W. B. Somerville II
Emanuel R. Tress
Robert H. Williams

1964

Myron Allukian, Jr.
S. Gladstone Anderson
Jerry Baldwin
Edward J. Beatty, Jr.
Otis G. Beck
Warren F. Daugherty, Jr.
Peter C. Elarde, Jr.
Marshall J. Goldin
Robert H. Graeme
Robert S. Hall
Allison Brennan Hundley
William E. Jacoby, Jr.
Lewis A. Kay
Alan M. Kuehn
Robert A. Lawton
Warner E. Lund, Jr.
Estate of Bruce W. Manning
Frederick Meiselman
Michael M. Perl
Joel Scheiner
Richard M. Schwarz
James N. Showstack
James D. Smallwood
C. William Springer
Sanford A. Stein
John B. Wahlig
Robert T. Wilson
Paul F. Zizza, Jr.

1965—40th Reunion

Peter J. Abell
Joseph C. Au
Robert W. Beideman
Frank R. Besson
James D. Brackett
Harold S. Bressler
Charles Bromberg
David J. Cantor
John W. Canzano
Lawrence G. Caruth
John W. Crowell
William K. Deal
Richard E. Derrick
Alan L. Gartenberg
Jerold D. Geisenheimer
Robert G. Giannuzzi
Thomas A. Giegerich
Norman Goldberger
Jon A. Harding
Theron M. Hatch
David H. Hopkins
Frederick O. Johnson
Robert W. Kidd III
Joseph Kornbleuth
Irvin G. Lubis
R. Richard Lund
Paul J. Markowitz
George B. Marschall
Robert S. Morgenstein
Melvin Portnoy
Jon L. Rauch
Howard J. Schare
Theodore A. Souliotis
Elaine Mantzouris Stevenson
Vija Tamuzs-Rubans
Carl L. Tinkelman
Walter J. Watson
Morris L. Weinman
Arnold S. Weisgold
Joseph R. Zaientz

1966

Joel E. Abraham
Howard Buckwald
William David Dailey
Bruce M. Elliott
Neil B. Epstein
Mary Ellen Field
Jay P. Goldsmith
Herbert N. Gutentag
Jeffrey H. Harnteg
Robert Henner
John A. Huleen
H. Kenneth Jackier
Myron E. Katz

Gerald D. Lorin
Max A. Malkoff
Franklin D. Niver
Donald C. Phillips
Richard L. Pickett
Jeffrey R. Plancey
Richard T. Rohrer
Albert G. Senger, Jr.
Judith Vanbergen Wagner
Richard C. Weiss
John C. Wheeler

1967

Eric G. Anderson
Marshall S. Blum
George F. Boes, Jr.
Edwin L. Cohen
Michael J. Collins
Harold E. Coulston, Jr.
Francis J. Dermody
Donald T. Dockstader
Albert J. Fasti, Jr.
James S. Foley
Samuel C. Foster
Bennett F. Frankel
John G. Gilhorn
Michael Russ Glogoff
Marshall I. Gottsegen
Robert W. Johnson
Jerome M. Laffer
Harvey S. Levine
Walter E. Maust, Jr.
Charles B. Millstein
Timothy P. Percarpio
Richard J. Pitz
Lawrence A. Saunders
Alan Gary Selbst
Samuel R. Selzer
Jeffrey B. Shapiro
Leslie Hill Soble
L. Henry Sprouse
Gerald P. Sternberg
Louis S. Vozzak
Donald K. Weillburg
Thomas R. Wilks

1968

Randall G. Baldwin
Donald G. Bell, Jr.
Harvey I. Cohen
Donald R. Desrosiers
Hugh B. Flanigan, Jr.
Sidney Gutsin
Donald M. Humen
Helen C. Komazec
Edmond P. Kotary
Gerald H. Kreinces
Frederick S. Krochmal
Brady Kenneth Lyons, Jr.
Evan C. Moll
Frederick G. Preis
Richard A. Spagna
Charles Tzagournis
John M. Uhl
John H. Viskup
Dorothy Herrick Washburn
C. Robert Waters, Jr.

1969

Michael R. Baram
Bruce I. Braverman
Michael L. Brugg
Monica M. Byorick
Martin P. Carlin
Victor S. Dietz
James R. Elder
Andrew P. Galante
John F. Gell
Mark A. Goldblatt
Joseph T. Kelly
David H. Kornbluth
Edward L. Loev
Douglas J. Macko
Joseph P. Mazza
James M. Mcnerney
Mansour M. Moheban
Barry L. Musikant
Douglas G. Pincok
Frank H. Ricker
Richard L. Rothstein
Peter A. Rubelman
Lois Rotante Rumble
Stephen D. Smith

Juris M. Svarcbergs
David S. Swersky
Edward M. Van Doren
Marsette A. Vona, Jr.

1970—35th Reunion

David K. Anderson
John R. Bartlett
Jeffrey A. Bassin
Gary W. Bigsby
William J. Bisignano, Jr.
Danny E. Black
Vincent Bonvino
Herbert C. Brannen
William C. Caddoo
Jeffrey Chait
Jerrold H. Cohen
Peter T. Cressman
Alvin F. DeSiena
Charles G. Deutermann
Charles R. Dufort
Keith W. Eveland
Craig W. Fischer
Alan H. Frankel
David F. Gage
Nancy Rouse Gentile
Janet Hoffman Golden
Christopher M. Goodwin
James R. Granite
Michael A. Hack
Andras G. Haris
Frederick D. Hicks
John W. Jost
Margaret D. Kauffman
Lawrence Kessler
Miles E. Kuttler
T. B. MacMurray
Barbara McCartney McDowell
William H. McLain
Lee Meadvin
Mark A. Mintzer
Joel M. Moskowitz
Robert E. Nist
Albert M. Price
Sara M. Prioleau
David P. Rossiter III
Donald H. Schubert
W. Ellis Smith

1971

Robert H. Bechtold
Craig Yale Bloom
Alvin T. Boyd
Stephen A. Cooper
Phillip L. Coulston
Carol L. Daiser
C. Dwight Decker
Maureen M. Fedorishen
Albert F. Giallorenzi
Joseph E. Gian-Grasso
Allan C. Goldfeder
Sandra Terece Greenberg
Harry P. Grossman
Howard B. Grover
Robin David Harshaw
Kenneth A. Ingber
Mark A. Judy
Robert W. Jung
Patrick M. Keeley
Michael J. Kish
Donald E. Kondrat
Arthur W. Kupperman
Peter Steven Lamm
Edward D. Landau
Anthony H. Mapes
Arthur A. Nido
Frederic Paperth
Robert H. Rappaport
Kenneth A. Reinhold
Joel Ross
Mark D. Rubin
John R. Spagnola
Michael F. Stroock
Mark Unger
Anthony C. Vigliotti
Douglas C. Walters
Rita Dete Widmann
Jerome H. Wolfert

1972

Peter J. Alizzeo
Gary N. Anderberg

David M. Barnett
Paul J. Batastini
Ted M. Camesano
Robert P. Cohen
Mary Lou M. Esparza
Robert H. Fish
Robert S. Frankel
John C. Gentile
Paul Gingras
Myron S. Graff
Joseph R. Greenberg
Lawrence T. Herman
Egill L. Jacobsen
Richard B. Janney
Edward P. Johnson
Howard P. Kessler
Alan Kirsch
Susan M. Lee
Martin D. Levin
Richard E. Levitt
David Levy
Alan M. Meltzer
Irwin H. Meslin
Paul G. E. Meyerhoff
Frederick R. Molander, Jr.
Janet Salanik Olsen
Douglas E. Peterson
Peter I. Pfaffenbach
Jay M. Rashbaum
Alan A. Shapiro
William G. Sloan
Ronald P. Strauss
Barry D. Wagenberg

1973

Robert M. Atebara
Robert W. Austin
David W. Belardi
David H. Bower
Charles M. Brenner
David Brother
Edward A. Budnikas
Lewis P. Chapman, Jr.
Dennis N. Cohen
Sue Reinoehl Davis
William F. Dudley
Elliott K. Gutman
Neil S. Hiltunen
Michael N. Klein
Bernard W. Kurek
Steven D. Lasser
Kenneth W. Laudénbach
Michael R. Lewis
Vernon Loveless
Vincent J. Mannino
Russell G. Marriott
Richard U. Mattson
Jeffrey R. McKechnie
Roger W. McWilliams
Randolph C. Myerson
Michael A. Petrillo
Ralph S. Pfeiffer
Lewis E. Proffitt
Jay M. Rossell
Richard L. Rush
Bruce H. Schneider
Roger E. Sheehy
Bruce D. Shoicket
Joel S. Teig
John R. Thompson, Jr.
Michael A. Wernick
John A. Zalatan

1974

James S. Balutis
Harvey J. Barbag
Alan M. Barnett
Jeff C. Bauer
Robin Brewer Brennan
Walter I. Chinoy
Kristine Christensen-Casullo
Tsin F. Chuang
William S. Collier
Steven R. Diak
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Jon A. Ruel
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Lawrence H. Shendalman
Robert M. Sorin
Orhan C. Tuncay
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Mario A. Vilardi
Peter C. Wright

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Melvin S. Babad
Barry J. Blutig
Bruce Bolen
William S. Branting
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Nicholas J. Tedeschi
Richard Stanley Tobey, Jr.
Dobroslav M. Valik
Robin Friedmann Waner
Jack Weil
Stephen M. Weisner
Arthur Z. Weiss

1976

Joel M. Applebaum
Edwin C. Bartine
Rebecca L. Berger
Dennis M. Byrne
Michael G. Cook
Mitchell H. Davich
Mark E. Donelan
Brian S. Duchan
Samuel W. Feinstein
Kenneth Allen Fetter
Robert M. Fleisher
John N. Gershey, Jr.
Robert J. Golden
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William P. Khani
Edward ST Kim
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Elaine M. Kuracina
Charles H. Lambert
Joel A. Leonard
Bruce E. Ollins
Stephen D. Pascal
Peter J. Rattigan
Howard J. Ritt
Lisa Reiner Rosenberg
David M. Roshkind
Joe T. Ruby
Steven Alan Schwartz
Eric H. Spellman
Walter G. Spigelman
John V. Tanzilli
Salvatore F. Vinci
Robert L. Wagner

1977

Arthur M. Alperstein
 Alexandra A. Baker
 Peter R. Barnett
 Elise B. Bassin
 Edward E. Best
 Robert B. Bookman
 Irwin H. Brenner
 Israel Brenner
 Peter Brothman
 Peter G. Campbell
 Anthony J. Ciotti
 G. Frans Currier
 Rebecca J. Egolf
 Francis G. Forwood
 James R. Hashim
 Henry L. Housman
 Gregory G. Indyke
 Fred B. Kastenbaum
 Cynthia Staman Kleiman
 Arnold O. Koon
 Heywood R. Kotch
 Arthur A. Kravitz
 Robert N. Lipner
 Arnold I. Maloff
 Dana L. Manchester
 Barry R. Perlman
 Bruce T. Prior
 Robert Resnick
 Alan L. Rosenfeld
 Thomas C. Santaniello
 Irwin N. Schoengold
 Cletus W. Schwegman, Jr.
 Barry P. Setzer
 Mitchell A. Smolow
 Steven J. Solow
 Timothy Tam
 Arthur W. Thurm
 P. Deborah Weisfuse
 David S. Williams

1978

Jay R. Augenstein
 Thomas W. Butterfoss
 Robert B. Chastant
 Sidney Chojnowski
 James S. Cinamon
 Bonnie Field Crowley
 Arthur F. Dean
 Lawrence M. Erwich
 Stanley C. Heifetz
 Andrew G. Jacobson
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 Cyrilla Slobodnik Lombardi
 Farideh Moattari Madani
 Mansoor Madani
 Eisa Mozaffari
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 Neil B. Rosenbaum
 Steven J. Rothenberg
 Alan J. Seltzer
 Sherry Shapiro
 John R. Shaw
 Donna Lewis Smolow
 Carolee S. Solof
 Robert M. Solomon
 Adrienne M. Spiegel-Garay
 J. Richard Steedle
 Baruch J. Twersky
 Cheryl Lang Ullman
 Patti Lee Werther
 Lee H. Winter
 Linda Wojciechowski
 William L. Wood
 Ms. Rita Workman

1979

Stephen W. Barclay
 Sheryl R. Berezin
 Catherine G. Bonventre
 Ralph J. Bozza
 Richard C. Buzin
 Andrew B. Casabianca
 Jireh I. Chao
 Richard E. Chodroff
 Jenny C. Chung
 Nancy B. Creed
 Gary A. Di Santo-Rose
 Martha Dunham Catafamo
 Cyril I. Evian

Leslie S. Finkelstein
 Michael N. Franks
 Hal D. Fruchtman
 Douglas A. Gedestad
 Mark J. Gelband
 Bruce H. Godick
 Peter M. Greco
 Stephen H. Grossman
 Elizabeth Nissl Harrison
 Gary L. Hartz
 Hamid Hayat
 Michael L. Iczkowitz
 David A. Klebanow
 Joshua S. Kleederman
 Jeffrey C. Kleiman
 Anna Kornbrot
 Gregg M. Lane
 David T. W. Lau
 Barbara Lenk
 Charles J. Petrillo
 Saul M. Pressner
 Joanne S. Reiffe-Fishbane
 Alan B. Rosenthal
 Thomas R. Schneid
 David Tai-Man Shen
 Leonard C. Taddei, Jr.
 W. Michael Tuman
 Robert E. Weiner
 Donald C. Yu

1980—25th Reunion

Pamela L. Alberto
 Wendell Gross Anderson
 Peter R. Auster
 James G. Barrer
 Joseph Bartoloni
 James V. Bordon
 Shirley Brown
 Eddie C. F. Chen
 Gail Spiegel Cohen
 Angela Collins
 Richard Copell
 Jerome J. Cymerman
 Debra Cairo Dyer
 Philip H. Ehret
 Hillel D. Ephros
 Mathew D. Finkelson
 Susan Connolly Fiorillo
 Nancy J. Flint
 Robin F. Gallagher
 Jerome B. Goldberg
 Bonnie Berman Henick
 Diane Brandes Jaye
 William Kay
 Gregory V. Keating
 Frederick J. Lacey
 Marc F. Lipkin
 John T. Lynch, Jr.
 Frederick J. Marra
 David A. Nusblatt
 Lorna Petersen
 Judith S. Post
 Steven L. Rasner
 Donald G. Rebhun
 Steven Jay Reubel
 Andrew G. Rosenfeld
 Marian Glynn Royer
 Francis G. Serio
 Sandra L. Shire
 Sheila A. Strock
 Paul W. Teplitsky
 Robert C. Todd III
 Edward S. Yalisove
 Jonathan Zamzok

1981

Philip S. Abramsky
 Kathleen Kapoun Andrejko
 David P. Bell
 Robert M. Benedon
 Thomas J. Boland
 Paul W. Brown
 William E. Butt
 Mitchell A. Charnas
 William W. M. Cheung
 Barry S. Chudnofsky
 James D. Ciancarelli
 Jack H. Corn
 John B. Dewolf III
 Isaac Garazi
 Jeffrey M. Ginsberg
 Stuart M. Ginsberg
 Amy L. Golden

Peri M. Greenstein
 Ronald T. Hwang
 John J. Keating III
 Kevin P. King
 Jerome A. Kleponis
 James Koretz
 Steven G. Lewis
 Stephen Allan Locke
 Michelle P. Loewinger
 Charles T. Loo
 Patricia A. Ludwig
 Judith S. Mamber
 Simon Milman
 Randolph L. Mitchell
 Ann Nasti
 Jay A. Nelson
 Richard J. Phillips, Jr.
 Michael Plotno
 Thomas W. Reinhard
 Peter S. Rosenman
 Gary W. Seldomridge
 Susan L. Stern
 John A. Weierbach II
 Mark J. Weingarden

1982

Fred J. Alba
 George M. Angelos
 Normand S. Boucher
 Gregory Reed Campbell
 Anne M. Chalemin
 Tat F. Chiang
 Robert J. Connelly, Jr.
 Nicholas A. Cucharale, Jr.
 Edward J. Dooley
 Gary S. Dworkin
 Kenneth C. Fordham, Jr.
 Karen A. Garber
 Lawrence E. Glaser
 Jeffrey A. Goodman
 Valerie P. Goulos
 Robert M. Hersh
 Christopher B. Hill
 James D. Hudson
 Christopher V. Hughes
 Miriam Susan Kaye-Fleisher
 Richard C. Kessler
 Robert Korwin
 Ramona M. L'Heureux
 Michael A. Landau
 Ronald J. Lascoe
 Craig F. McBeth
 James J. McDermott
 Sandra L. Mellinger
 Joel I. Nathanson
 Jack G. Roskies
 Robert I. Rosner
 Donald R. Ruch, Jr.
 Robert Gerald Savarese
 Brian D. Shuman
 Mark L. Waltzer
 Linda C. Weisenfeld
 Marsha H. Wolfe
 Warren D. Woods

1983

Beth A. Ageloff-Posner
 Carolyn Izu Bergmann
 Robert J. Bernstein
 William H. Bohrod
 David N. Bordonaro
 Scott J. Chanin
 Yung S. Chung
 K. Scott Danoff
 William A. Deighan
 Robert A. Does
 Linda B. Edelson-Slocum
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 Steven Speroni
 Shari Samansky Summers
 David S. Tarica
 Michael David Yasner
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1984

Cindy M. Behrens
 Steven C. Blutfield
 Charles T. Brand
 Peter Chin
 Annette Kriegel Davidoff
 Alan J. Demaso
 Mark B. Desrosiers
 Jay S. Fishbein
 Francine S. Forman
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 Keith D. Libou
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 Wayne W. Maibaum
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 Paul H. Pasternack
 Brenda G. Paulen
 Richard D. Riddle
 Jane Russo
 Stuart M. Schnall
 Matthew M. Segal
 Susan H. Sell
 Michael S. Shreck
 Thomas J. Simrell
 Stephen A. Solomon
 Eugene H. Young

1985—20th Reunion

Jay Lee Arlick
 S. I. Braunstein-Trager
 Josh H. Brickman
 Eric R. Carlson
 Michael B. Doughty
 Gregory L. French
 Rosalia Gallo
 Gregory A. Hillyard
 James A. Isaacson
 Richard D. Isaacson
 Stanley M. Levenson
 M. D. Lipshultz
 Sarah M. Lynch
 Martin Man
 Thomas A. McGraw
 Dallas L. Pulliam, Jr.
 Richard A. Rifkin
 Keith C. Rogerson
 Donald J. Salomon
 Albert J. Sandler
 Maria Christina Sevilla
 David M. Sheintop
 Keith F. Silverman
 Timothy P. Sweet
 Michael P. Szostak
 Eric A. Wachs
 Douglas W. White

1986

Gerald Adachi
 Alan M. Atlas
 Lawrence Michael Bodenstein
 Michael Andrew Carol
 Judy Didonato
 William P. Grohol
 Andrew Michael Halbert
 Mark Jay Harris
 Debra A. Koehn
 Pearl T. Lieberman
 David P. Pitman
 John W. Rosenlieb

Mark Bryan Tornatore
 Kenneth Joseph Zenker
 Ross A. Ziegler

1987

Robert Joseph Demarco
 Jeannette P. Desino
 Gregory Scott Direnzo
 Haris Ehland
 Mitchell Joseph Farr
 David Faust
 Donna M. Federici
 Jeffrey Ganeles
 Albert Smith Harris III
 Thomas A. Herberger
 Donald Donguk Kim
 Mark David Kopera
 Edward Arthur Krukowski
 Ernesto A. Lee
 Lawrence Mark Levin
 Madeline R. Loduca-Maisano
 Thomas Paul Petrick, Jr.
 Keith Martin Phillips
 Michelle Kauffman Sandler
 Bruce H. Spivak
 J. Douglas Thran
 Arnold E. Weinstein

1988

John Michael Capogna
 Robert J. Diecidue
 W. D. Fitzhugh III
 Marc Phillip Gimbel
 Louis Jameson Hardy
 Douglas Scott Harte
 Frederick E. Kane
 George William Keller
 Francis Joseph McClain
 James Patrick Murphy
 Betsy H. Newman
 Thomas Basil Puschak
 Hilton Zvi Segal
 Tara Lee Sexton
 David C. Stanton
 Keith W. Street
 Paul Michael Tedeschi

1989

Paul F. Batastini
 Mary Ann Cantor Chang
 Teresa Destefano-Razian
 Michael J. Feldman
 Linda J. Gilliam
 Bruce Goldman
 Adam Marc Goodman
 Richard G. Gray
 Lori Debra Hurst
 Sophia C. Kladias
 Phuong T. Pham
 Sharon Hibbard Stokes
 James H. Van Horn

1990—15th Reunion

Jeffrey W. Anderson
 Thomas G. Commons
 Amy D. Field
 Daryl Klopp
 Karin Michelle Lamar
 Ross S. Lesser
 Lori B. Lubliner-Robinson
 Mark W. McDonough
 Anita Marie Milici
 Mark I. Notis
 Richard Dean Oberly
 Matthew P. Salvatore
 Marlene E. Sardina-Kelly
 Thomas W. Therrien
 Chi-Tsai Yeh

1991

Karl A. Arakelian
 Ann Kearney Astolfi
 Peter T. Bliss
 Chen-Han Chiou
 Stephanie E. D'Aprile
 Peter Paul Devlin
 Andrew T. Frank
 Payam Hariri
 Anthony R. Harlacher
 John S. Horchos
 Alden K. Kim
 Jung B. Kim
 Jeffrey A. Levin
 Simin Manii
 David James Nepa

Diem-Trang D. Nguyen
Joseph Stephen Rava
Randolph M. Richardson IV
Brian A. Rinehart
Diane Wendy Sherman
Tony L. Skanchy
Frederick Evan Solomon
Jonathan Hastings Terhune
Masooma Saba Zaidi
Anny Van Dam Zalesne

1993
Paul Luff Boger
Henry Hsin-Chi Chen
Najibe Haddad Dow
Sepideh Lisa Mansoorian
Michael Angelo Perillo
Samantha A. Vitagliano
Patrick Wahl

1994
Frank R. Besson, Jr.
Geraldine L. Besson
Joy Bockstein Abt
Peter K. Cocolis, Jr.
Therese DiFlorio Brennan
Gurbuz Edeer
Staci B. Frankowitz
Alan R. Hecht
Amy Elizabeth James
Syamala Jasti
Michele B. Laboda
Laurene Alyse Marks-Wolf
Jun Sun
Essam K. Taha

1995—10th Reunion
Robert B. Ashmen, Jr.
Isabel G. Campos
Chingshun Jason Chang
Chun-Thai Chung
Yeung-Yi Hsu
Claudia Lucia Kandou
Rustin M. Levy
Richard Y. Liu
Robin N. Lozman
Ralph R. Reynolds
Maria-Paz U. Smith

1996
Daniel T. Bassin
Frederick Rodney Cho
Melissa L. Lee
Joanna Z. Levin
Timothy C. Lin
Blair A. Schachtel
Constantine Simos
John M. Wachtel
Ralan D. M. Wong

1997
Cristen Kowalski Beard
Patrick T. Cuzzo
Adeola O. Faleye
Mary F. Farren
Tin Tin San Ma
Jose Agustin Medina
Thanhduong N. Nguyen
Kevin T. Nii
Mindy Ok
Spencer Carl Saint-Cyr
Patricio J. Sumaza

1998
Marc B. Ackerman
Eric J. Brendlinger
Jeffrey P. Chen
Joori Kim Cho
Xiaoyan Dai
Brian A. Suh
David J. Tancreto
Derrick B. Wong

1999
Matthew Baron
Sandra Strohecker Beckett
L. Antoine Bluth
Blair S. Feldman
Philip L. Michaelson
Cezar M. Mitrut
Lin Qiu
Corina Radu

2000—5th Reunion

Smita A. Borole
Brian C. Frutchey
Jean Kang
Jennifer Lee Kazemi
Takashi Koyama
David Li
Cherry E. Libramonte
Andrew L. Lieberman
Adriana C. Stegman

2001
Seung H. Chang
Janeen L. Hughes

2002
Jennifer S. Davis
Hyunjung Holly Park
Vivian A. Wasmuht-Perroud
Adriana Zayas

2003
Amir H. Barati
Peipei Chang
Samuel H. Ip
Mian K. Iqbal
Faranak A. Khasraghi
Kathleen P. Lambert
Deborah Stutz Marmor
Wendy L. Seltzer

2004
Michael Dustin Brown
Bridget Chow
Joseph Chihyun Kim
Jung Lim

2005
Maki Ishii
Seena Joseph
Aida Pasalic
Lydra Tapija

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Vivian Lo, GAR'84, GCP'84, GFA'84
Mr. and Mrs. Kenneth S. Magid, PAR'08
Bruce D. Manson, WG'87
Marsha Mantell
Stanley R. Mantell, C'53
Mr. and Mrs. Charles Margiotti III

Dr. and Mrs. Gerald A. Markowitz, PAR'91
Masahiko Masubuchi
Mr. and Mrs. James Matarese
Haruo Matsukawa
Elice McDonald, Jr., W'36
Estate of Ralph C. McGinley
Benjamin and Mary Siddons
Measey Foundation
Estate of Harriet Worrall
Mershon
Mary Ann D. Meyers, GR'76
Robin Micala
Yasuhide Minami
Mr. and Mrs. Thomas Mistler, PAR'08
Paul A. Moore
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Osteohealth Company
Glenn R. Oxner
Parent Project Muscular
Dystrophy
Jagadishver M. Patel
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Jane Polisar
Gloria E. Pollack
Bernard J. Poussot
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Naoshi Sato
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Alex Sherman
Edward B. Shils, W'36, G'37, GR'40, L'86, GL'90, GRL'97
Joan Sibner
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Norihito Watanabe
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Osamu Yoshinaga
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Tribute Gifts

This list includes all alumni, parents, and friends who made tribute gifts of any amount to any Penn Dental Medicine fund in 2004–05. For many, a gift to the School is more than just a financial contribution – it is a meaningful way to honor or remember someone special in their lives.

In memory of Leonard Abrams, GD'58
Dr. and Mrs. William Becker
Dr. and Mrs. Roy L. Eskow
Steven J. Rothenberg, D'78
Harry P. Silverstein

In memory of Fay B. Amsterdam
Morton Amsterdam, C'43, D'45
D. Walter Cohen, C'47, D'50
Louis E. Rossman, D'75, GD'77

In memory of Philip W. Cohen
Louis E. Rossman, D'75, GD'77

In honor of Richard A. Collier, W'66, WG'67
Joseph Lipa, Jr., D'62

In honor of Cyril I. Evian, GD'79, D'81
Marsha Mantell
Stanley R. Mantell, C'53

In honor of David L. Feldman
Jennifer L. Conry

In memory of Rosemarie E. Gaeffke's, CGS'86, GED'86, Husband
Louis E. Rossman, D'75, GD'77

In memory of Donald S. Gillespie, D'51
San Francisco Dental Society

In honor of Mark Greco, D'84, GD'85, GD'87
Mr. and Mrs. Charles Margiotti III
Joseph E. Weingart, Jr.

In memory of Edward P. Henefer, D'54, GD'56
John P. Hellwege, C'56, D'59

In memory of Lamar Hicks' Mother
Louis E. Rossman, D'75, GD'77

In honor of William C. Hudson, Jr., D'45
James D. Hudson, D'82

In memory of Randy Kaplan's Father
Louis E. Rossman, D'75, GD'77

In memory of Ned Kase
Louis E. Rossman, D'75, GD'77

In honor of Jeffrey Kessler
Richard C. Kessler, D'82

In memory of Victor Kremens, GM'55
Louis E. Rossman, D'75, GD'77

In memory of Margelle Kendall Liss', W'77, Mother
Louis E. Rossman, D'75, GD'77

In honor of Jess Lonner
Louis E. Rossman, D'75, GD'77

In honor of Naty Lopez, GRD'90
Keith D. Libou, D'84

In memory of Harry W. L. Marra, D'41
Frederick J. Marra, D'80, GD'80

In honor of Verne E. Marriott, D'39, Claude E. Stedman, D'46, and George O. Stedman, Ar'12
Russell G. Marriott, D'73

In memory of Stanley Myer
Louis E. Rossman, D'75, GD'77

In honor of Randall W. Nunn, GD'92
Richard M. Levine, V'81

In memory of Claire Pomerantz
Louis E. Rossman, D'75, GD'77

In honor of Dr. and Mrs. Edwin S. Rosenberg
Dr. and Mrs. Ernest J. Dellheim
Dr. and Mrs. Gerald A. Markowitz, PAR'91

In honor of Dr. and Mrs. Louis E. Rossman
Dr. and Mrs. Ernest J. Dellheim
Dr. and Mrs. Gerald A. Markowitz, PAR'91

In honor of Mr. and Mrs. Phillip Salkin
Louis E. Rossman, D'75, GD'77

In memory of Jean A. Sayegh, D'49
Mark J. Fillion
Mr. and Mrs. Michael Weinrib

In memory of Walter Schachtel, C'29
Louis E. Rossman, D'75, GD'77

In memory of Mrs. Paul Shuster
Louis E. Rossman, D'75, GD'77

In memory of Sig Seigel, D'55
Miles D. Lazerwitz, D'55

In memory of Steve Seltzer's Mother
Louis E. Rossman, D'75, GD'77

In memory of Stuart Solomon's Mother
Louis E. Rossman, D'75, GD'77

In memory of Mr. and Mrs. Allan S. Voluck's Grandson
Louis E. Rossman, D'75, GD'77

In memory of Ned B. Williams, D'38
Louise S. Williams

In memory of Eugene A. Winter, D'44
Lee H. Winter, D'78

In honor of William Wolfson, D'74
Gloria E. Pollack

This issue of the Honor Roll represents activity in Fiscal Year 2005 (July 1, 2004 through June 30, 2005).

We have made every effort to ensure the accuracy of this report. If your name has been omitted or misprinted, please accept our sincere apologies and notify the Penn Dental Medicine Office of Development and Alumni Relations at 215-898-8951.

May we write YOU a check?

Support the Future of Penn Dental Medicine with a Charitable Gift Annuity



Benefits of a Penn Gift Annuity:

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- **Help Yourself and Penn Dental Medicine, too.** You will receive a lifetime income and support Penn Dental Medicine.

How Does a Charitable Gift Annuity Work?

You donate cash or appreciated securities to the University of Pennsylvania for the benefit of Penn Dental Medicine. Penn agrees, in writing, to make guaranteed, fixed payments for life to one or two people you name (see rate chart).

1 Life		2 Lives	
Age	Rate	Ages	Rate
60	5.7%	60/60	5.4%
65	6.0%	65/65	5.6%
70	6.5%	70/70	5.9%
75	7.1%	75/75	6.3%
80	8.0%	80/80	6.9%
85+	9.5%	85/85	7.9%

For example:

Dr. Dee, age 77, contributes \$25,000 for a 7.4% charitable annuity. Penn will pay him \$1,850 every year for life, of which \$1,236 is tax-free. He takes an income tax deduction of \$11,280 this year. The tax benefits of his gift annuity yield an 11% effective rate of return. Proceeds of Dr. Dee's gift ultimately will support Penn Dental Medicine.

More Information:

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Alumni

NEWS

Alumni Weekend 2005 Highlights

Approximately 235 Penn Dental Medicine alumni and guests gathered for Alumni Weekend 2005, held May 13–14. This annual event always promises attendees a host of social and educational activities and the chance to connect with old friends and new. This year, reunion dinners were held for the classes ending in “0” and “5” at the Union League of Philadelphia. Here are highlights from this special weekend; to view a full photo gallery, visit www.dental.upenn.edu/alumni/news/. Save the date now for Alumni Weekend 2006, May 12–13 with reunions for classes ending in “1” and “6.” Whether you graduated five or 50 years ago, we hope that you will come reconnect with Penn Dental Medicine. For more information, visit www.dental.upenn.edu/alumni2006.



Photography: Candace diCarlo

1 Morton Amsterdam Dean Marjorie Jeffcoat with alumni in the Parade of Classes. **2** Attending her first Alumni Weekend at Penn, President Amy Gutmann spoke at the Penn Dental Medicine tent. **3** Dean Jeffcoat and Class Chair Dr. Lawrence W. Loveland (D'55) at the Sig Seigel Alumni Center and Conference Room dedication. Funded by members of the Class of 1955 in memory of their classmate, Dr. Sig Seigel, the Center and Conference Room provides Penn Dental Medicine with an elegant, state-of-the-art meeting place. The space will be used for meetings, classes, and lectures, as well as continuing education courses and other special events.



4 Class of 1995. *Left to right:* Neil S. Woloshin, Kendra S. Schaefer, Debra L. Carri, Anne Annone, Anita S. Rao, Jeffrey R. Eby, Margo T. Kusienski, and Kimberly A. Kochis. **5** Class of 1985. *Front row, left to right:* Tina Bradley, Stephen R. Bradley, Maria A. Smith, Lisa A. Ritter-Kahn, Dean Jeffcoat, Anne L. Martelli, Alisa G. Kauffman, and Steven E. Roth. *Middle row:* Sarah M. Lynch and Steven A. Brisman. *Back row:* Brad A. Levine, Josh H. Brickman, Robert S. Aledort, Mark L. Dunayer, Andrew M. Lutzker, and Arthur R. Stanger.



6 Class of 1955, celebrating its 50th Reunion. *Front row:* Wayne B. Ranck, Stanley J. Denmark, Donald B. Dolan, Arthur B. Hattler, Lee Cassella, Herbert A. Brode, Alan H. Gelbert, Budd E. Rubin, and Miles D. Lazerwitz. *Middle row:* Lawrence W. Loveland, Richard L. Tornatore, John R. Mann, Jr., C. Wendell Lofland, William R. Bond, Jr., Brendan J. Boylan, John T. Ziegler, Morton J. Weyler, and Philip Po Cheung Chan. *Back row:* Edmund A. Dabagian, James W. Farer, William J. O'Donnell, Jack Rubin, Merwin Zitomer, Albert J. Anderson, Jr., Francis V. Pribula, Adam F. Andrewsiewicz, Thomas A. Fosnacht, John L. Kotchick, Robert D. Schweitzer, and Arthur Edward Halprin. **7** Dean Jeffcoat (*middle*) with the 2005 Alumni Award of Merit recipients. *Left to right:* Drs. Louis F. Rose (GD'70), Robert J. Tisot (GD'70), Carl L. Tinkelman (D'65), Daniel B. Green (D'60), Edward F. Rossomando (D'64), and Lawrence B. Caplin (D'90).



The Dental Hygiene Alumni Association held its annual reunion on May 13. A continuing education course was held at the School in the morning, followed by a luncheon and meeting at La Terrasse restaurant. Dean Jeffcoat visited with alumni during the luncheon, discussing the state of the School and answering questions. Lisa Solden Schildhorn (DH'75) received the 2005 Special Achievement Award, recognizing her outstanding contributions to the growth and development of the profession of dental hygiene.

8 *Front row:* Lisa Solden Schildhorn (DH'75), Joan I. Gluch (GR'92), Robin S. Holmes (DH'75), and Charlene Jennings Fenster (DH'75). *Back row:* Jaclyn M. Gleber (DH'74), Beverly Bizup Hawkins (DH'75), Joann R. Gurenlian (GRD'91), and Linda G. Kraemer (GR'86).



ALUMNI PROFILE:

Dr. Rowland Hutchinson (D'58)

We all know our share of perpetual students, but Penn Dental Medicine alumnus Dr. Rowland Hutchinson (D'58) might be the first perpetual dean. After seven years in retirement, Dr. Hutchinson is back at the helm of the University of Louisville School of Dentistry, serving as interim dean. This is his third time as a dean, having led Louisville before from 1991 to 1998 and the University of Detroit Mercy School of Dentistry from 1989 to 1991. "It is an honor and a privilege to be back," he says of his interim post, which began in May 2005, "but it certainly is a different mindset from retirement."

Not that the busy dean ever really retired. Since leaving the University of Louisville in 1998, Dr. Hutchinson, a diplomate of the American Board of Periodontology, has kept his finger on the pulse of dental education. Among just some of his activities: he was elected president of the American Dental Education Association (ADEA), is director of the Dental Deans Leadership Institute, served on an advisory committee for two new dental schools, chaired a predoctoral curriculum committee for ADEA, and received the 2004 American Academy of Periodontology Fellowship Award for distinguished service.

Dr. Hutchinson's notable path within academia and periodontology began through the military. After graduating from Penn Dental Medicine in

1958, he joined the Army as a dental intern. "This program gave me the opportunity to rotate through all of the dental specialties," he recalls, "something I encourage all students to do."

Following his internship, Dr.

Hutchinson joined Walter Reed Army Medical Center, where he earned his

certificate in periodontics in 1963 and first became interested in an academic career. "I had so many wonderful mentors in the Army, many of whom were research dentists who had both a DDS and a PhD. They

the directorship of three periodontal residency programs and the deanships at the University of Detroit Mercy School of Dentistry and the University of Louisville School of Dentistry.

Thinking back over his distinguished career, Dr. Hutchinson still fondly recalls his years at Penn Dental Medicine. "When I was at Penn, most of my professors had written the text books we used. I was so naïve, I thought professors at all universities wrote their own books," he notes. "It wasn't until later that I realized that most of the dental schools were using books written by Penn professors. In hindsight, I realized it was one of the best dental schools in the country. Everything I have done in dentistry, I owe to my four years there."

Dr. Hutchinson continues to be just as enthusiastic about dental education as he was as a student and says the most satisfying thing about academia is being a mentor to both students and faculty. He takes pride in the fact that three of his associate deans have gone on to become deans in their own right. Being a dean also provides him an opportunity to instill values in students. "The one piece of advice I try to give to students is not to

go right from dental school into private practice," adds Dr. Hutchinson.

"Take at least one more year of general dental training, look into specialty training, and even think about the military for a few years. It is a wonderful place to work with competent dentists and learn."



Dr. Rowland Hutchinson (D'58)

were very inspirational to me," says Dr. Hutchinson, who would spend 20 years in the Army Dental Corps, retiring from active duty as a colonel in 1978.

Encouraged by his mentors to pursue a basic science degree, he earned a Masters in Microbiology from Georgetown University in 1965 and began teaching microbiology and periodontics. Though he continued to practice, and even spent three years practicing in Europe, he became hooked on academia. Over the years, his educational appointments would include part-time faculty positions at eight institutions and full-time faculty posts at three dental schools, including

Alumni Serving As Dental School Deans

In addition to Dr. Hutchinson, the following Penn Dental Medicine alumni are currently serving as dental school deans.

- Richard N. Buchanan (D'69), University at Buffalo School of Dental Medicine
- Cecile A. Feldman (C'80, D'84, GD'85, WG'85), New Jersey Dental School
- Peter J. Robinson (GR'72, GD'73), University of Connecticut School of Dental Medicine

Tara Sexton (D'88)
Elected Alumni
Society President

The Penn Dental Medicine Alumni Society has elected Dr. Tara Sexton, a 1988 graduate of the School, as its new president. She assumed this leadership post during Alumni Weekend 2005 in May. Dr. Sexton has been an active member of the Penn Dental Medicine Alumni Society Executive Committee since 1994 and has served as treasurer since 1997. For many years, she has also helped to keep her fellow classmates connected to the School as a class representative. In addition, Dr. Sexton currently serves on the Trustees' Council of Penn Women, a national network of Penn alumnae who support and promote the advancement of women's issues within the University.

Dr. Sexton practices cosmetic dentistry in Bala Cynwyd, Pa., with her husband, Dr. James Godorecci (D'93).



Dr. Tara Sexton (D'88)

Their private practice, Main Line Smiles, will celebrate its 10th anniversary this year. Originally from York, Pa., Dr. Sexton earned her undergraduate degree at the University of Delaware.

"I am excited to be working in this new role and continuing the efforts of our past presidents to increase the level of outreach to our alumni and current students," says Dr. Sexton. "One of our new initiatives this year will be a career series." Scheduled to launch in October and run for seven consecutive weeks, the series will feature alumni from different specialties as well as general dentistry talking to Penn Dental Medicine students about career opportunities. "We hope the series will not only help to guide students as they think about their options, but also help to build ties with the Alumni Society that will remain as they become alumni," adds Dr. Sexton, who is eager to hear from Penn Dental Medicine alumni. She can be reached at sextonsmiles@comcast.net.



Alumni Gift to Orthodontic Clinic

This May in San Francisco, Dr. John Gentile (D'72) and his wife, Nancy (DH'70) (above, center), turned the American Association of Orthodontists Annual Session Alumni Reception into a celebration by announcing a \$100,000 challenge to close the gap in the School's Brainerd Swain Clinic renovation campaign. The generous challenge was met that same evening, translating into \$200,000 for the new clinic. Joining the Gentiles are Associate Dean for Development and Alumni Relations Jim Garvey (left) and Orthodontics Department Chair Dr. Robert Vanarsdall (right).

aca

alumni council on admissions

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.

- 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



Penn

alumni council on admissions ■ Please contact our office with any questions you may have.
 E. Craig Sweeten Alumni House ■ Philadelphia, PA 19104-6226
 215.898.6888 ■ aca@ben.dev.upenn.edu ■ www.alumni.upenn.edu/aca

Alumni Society Hosts Senior Farewell

The Penn Dental Medicine Alumni Society officially welcomed the Class of 2005 into the Alumni Society at Senior Farewell 2005, held May 4 at the Loews Philadelphia Hotel. This special event marked the beginning of a new tradition for the Society in celebrating seniors' passage from students to colleagues. More than 200 alumni, faculty, students, and staff gathered for the evening's festivities, which included a cocktail reception, dinner, dancing, and a program that included the presentation of faculty awards by the Class of 2005

Senior Farewell was not only a celebration of the Class of 2005, but also of the School's community of dedicated alumni, faculty, staff, and students."

The event planning committee included Erika Rowe (D'05), Class of 2005 President; Sami Gad (D'05), Class of 2005 Vice President and President of the Program for Advanced Standing Students; Michelle Wild (C'02, D'05), a Class of 2005 Social Chair; Dr. Marc Ackerman (D'98), President of the Penn Dental Medicine Alumni Society at the time of the event; and Dr. Howard Goldstein (D'90)



Drs. Sami Gad, Elliot Hersh, Louise Skarulis, Michelle Wild, Erika Rowe, and Nathan Kobrin at the Senior Farewell 2005. Drs. Hersh, Skarulis, and Kobrin were among those faculty members who received awards from the Class of 2005.

(see Scholarly Activity Awards & Achievements, p. 22, for award recipients).

"Thanks to the generosity of the Alumni Society, all seniors were invited to attend Senior Farewell for free," notes Joshua Liss, Director of Annual Giving and Alumni Programs. "One of the Alumni Society's goals is to promote good fellowship among all members of the Penn Dental Medicine community.

and Dr. Margrit Palmer-Maggio (D'87), both members of the Penn Dental Medicine Alumni Society Executive Committee.

Alumni are encouraged to save the date for Senior Farewell 2006 — it will be held May 9, 2006, again at the Loews Philadelphia Hotel. Please contact Joshua Liss at 215-898-3542 or lissj@dental.upenn.edu for more information.

Penn Dental Journal Digitized!

Penn Dental Journal readers can get a copy of the magazine online in an easy-to-download PDF format — simply visit www.dental.upenn.edu/journal and click on the issue you wish to view. At this site, alumni can also share their news for inclusion in the Class Notes section of the *Journal*.

The digital version uses Adobe Acrobat Reader, software that you probably already have or can download for free at www.adobe.com. Read it at your desktop, take it with you on your laptop, or print out the articles that interest you.

Alumni

CLASS NOTES

1950's

Harold Krivins (D'50) writes, "Enjoying 14 years of retirement with my wife, Thelma, and our two daughters and their families. Our younger daughter, Lori K. Comer (C'88, L'91), and her husband, Marc (W'85, WG'89), are hoping our two grandchildren, Brad and Julia, will become third-generation Penn alumni!"

Eugene D. Tunick (D'58) retired in 2001 after 42 years of practice, mostly in California, but also two years in Western Samoa as the Principal Dental Officer and 10 years in Sweden. While in Sweden, he served on the faculty of Göteborg University as a radiology instructor in 1974-75. Dr. Tunick is now enjoying retirement in Rexford, Mont., and would be happy to hear from his classmates by email at modonlay@interbel.net.

1960's

Arleen Stocker Franco (DH'60) owns Bal Harbour Hotel in Wildwood Crest, N.J., and serves as the chairperson of the Greater Wildwoods Tourism Improvement & Development Authority.

Jules Klein (D'60) writes, "Time really does fly. I practiced general dentistry for 40 years. Some of those early years as a Dental Corps Officer stationed with both Navy and Marine units. I've managed to fit in some great adventure travel to places like Africa and climbing the Himalayas. My family keeps growing—12 grandchildren and lots of new nieces and nephews. I've been in retirement mode since August 2001. I own and train Newfoundland dogs for water rescue work, and I love to travel on my Kawasaki 1500 Classic motorcycle. I try to stay mentally and physically active by doing some part-time work teaching dental assisting and working with Scholastic Book Fairs.

All in all, I have no complaints. Penn Dental Medicine helped me get an excellent education and the opportunity to meet my best pal, **Arnold G. Greene (D'60, GD'61).**"

1970's



Louis E. Rossman (D'75, GD'77) was elected Secretary of the American Association of Endodontists during its 2005 Annual Session in April. Dr. Rossman has been actively involved in the activities of the Association for years, serving as Treasurer from 2004-05, District I Director from 2000-03, and participating in the work of numerous committees including Research and Scientific Affairs, Workforce, and Strategic Planning. He also has played an integral role in planning numerous annual sessions, serving as general chair in 2002.

Arthur L. Segal (D'76, GD'78) was recently elected to the board of the Arts Council of Beaufort County, S.C. He currently serves as a committeeman on the Greater Island Committee of Hilton Head Island and Greater Bluffton, which encompasses the southern half of Beaufort County. Five years ago he founded the Coastal Carolina and Georgia Penn Alumni Club, which has members from as far north as Charleston to as far south as the Sea Islands of Georgia, and as far west as the western suburbs of Savannah. He is now president emeritus of the club. He recently spoke on

"Talmudic Pathways to Peace" from the pulpit of Temple Beth Yam on Hilton Head Island, where he and his wife, Ellen, live.

James S. Cinamon (D'78), a general practitioner in Framingham, Mass., has been elected to the Massachusetts Dental Society (MDS) Board of Trustees. He was previously Chairman and Vice Chairman of the Metropolitan District Dental Society, a component of the MDS, and led several committees for the Yankee Dental Congress, the country's fifth-largest dental conference. By organizing a group of dental professionals known as the "Molar Rollers," Dr. Cinamon has raised over \$85,000 for cancer research and treatment at the Dana-Farber Cancer Institute through the Pan-Massachusetts Challenge bicycling fund raiser.

1980's

Murray R. Robinovitch (GD'81) retired as Professor and Chair of the Department of Periodontics at the University of Washington School of Dentistry in December 2004. Dr. Robinovitch enjoyed a long and successful career as a dental researcher. He is internationally recognized for his work on salivary gland function, and this expertise resulted in his serving for two years as Chair of the Oral Biology and Medicine Study Section that reviewed and funded research proposals for the National Institute of Dental Research. He also served as Director of the Salivary Research Group of the International Association for Dental Research, and as President of the American Association of Oral Biologists. Dr. Robinovitch continues to practice one day a week in Seattle, and will continue his involvement with the UW School of Dentistry as Professor Emeritus of Periodontics and Oral Biology.



Joseph W. Restic (D'85) was recently named second vice-president of the University of Notre Dame Monogram Club, which is comprised of individuals who were varsity letter winners. Dr. Restic, a two-time GTE Academic All-American, was a starting safety while helping Notre Dame win the 1977 national football championship during his junior season and went on to graduate in 1979 with a pre-professional science degree.



Michael Glick (GD'88) is the new editor of *The Journal of the American Dental Association*. Dr. Glick, Professor and Chair of the Department of Diagnostic Science at the University of Medicine and Dentistry of New Jersey, succeeds Morton Amsterdam Dean Marjorie K. Jeffcoat, who served as editor since 2002. "I am pleased and humbled to receive this appointment," said Dr. Glick. "This is both a great honor and a great challenge, and I look forward to my new duties as editor of dentistry's premier professional journal."

Photo courtesy of ADA News © 2004 American Dental Association

1990's

John Joseph Roche (D'92, GED'92) and his wife, Josephine, and son, Dylan, are proud to announce the opening of their second orthodontic practice in Southampton, N.Y. Dr. Roche writes, "Our practices keep us busy six days a week, and we haven't taken a vacation in 10 years. **Aaron Milchman (D'92)** and his family say hi. Aaron also has not been on vacation since 1992."

In June 2005, **Cherry L. Estilo (D'98)** and **Sherri M. Meggison-Salvatore (D'98)** ran the Circle of Friends New York Mini 10K in New York City. Circle of Friends is a growing movement of people and organizations supporting women who are trying to lower their risk for tobacco-related disease by quitting smoking. Dr. Estilo, who gave birth to her daughter, Evelyn, just two months

earlier, lives in New York City with her husband, Kevin. Dr. Meggison-Salvatore and her husband, Rick, have two children, Anna, age 3, and Julia, age 1, and live in Princeton, N.J.

2000's

Andrew L. Lieberman (D'00) and his wife, Lauren, welcomed their first child, Jordan Emmie, on April 7, 2005. They are all living happily in Broomall, Pa. Dr. Lieberman writes, "I am an associate in two beautiful, thriving practices in Aston and Media, Pa., where I am enjoying all aspects of cosmetic and family dentistry."

Orest G. Bauer (D'03) writes, "As a Lieutenant in the U.S. Navy, I spent the last year doing a General Practice Residency along with fellow classmate **Eric A. Fort (D'03, GED'03)** at the National Naval Medical Center in Bethesda, Md. It

was a unique and trying experience since we served primarily as oral surgery team interns—assessing and treating the young Marines being flown home from Iraq literally 36 hours post injury.

"As interns standing in-house call, it was our duty to do all the prep work needed to get them to surgery prior to 6 a.m. rounds, and then assist for the 17-hour surgeries that would follow. Without body armor, these Marines would have been killed, but now they must deal with limb amputations and disfiguring facial injuries. I remember an 18-year-old Marine from Colorado who got engaged just prior to shipping out. Now he lay permanently unable to see, hear, or speak to his fiancée and family. And yet another who scribbled complaints about his phantom limb pain, while I performed twice daily dressing changes to his facial wounds, trying to stave off infection from the

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/ where you can quickly send us your information — we welcome photos as well. Or, you can send your submissions to:

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Your generosity and commitment ensure that Penn remains at the forefront of dental education. Make your gift today, and invest in the future of dental medicine at Penn.

For your convenience, gifts to the Penn Dental Medicine 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.
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- **Send** your check, made payable to the "Trustees of the University of Pennsylvania," to: Office of Development and Alumni Relations, Robert Schattner Center, University of Pennsylvania, School of Dental Medicine, 240 South 40th Street, Philadelphia, PA 19104-6030.
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bacteria endemic in the Iraqi sand that penetrates wounds during a blast.

"In the end, the stress, long hours, and seemingly unrecognized efforts were overshadowed by witnessing the progression from near death to healing post-reconstruction, however incremental it was. One morning at bedside, I helped to remove the tracheotomy tube that had been in place for four weeks, helping the young Marine breathe, but preventing speech. The room grew silent. His "thank you" made six doctors' eyes glisten and that was all the satisfaction we needed.

"Currently, I am living pretty stress free while being stationed with a Seabee construction battalion in Ventura County, Calif. Shortly, we will be deploying for six months to the island of Guam. From there, half my battalion of 750 will venture into Iraq and Afghanistan for construction projects."

Deborah L. Gortler (C'98 D'04) is looking forward to returning to Penn Dental Medicine for a residency in endodontics, which began in August 2005. Dr. Gortler and her fiancé, Mark Shukovsky, are planning their wedding for February 2006 in Phoenix, Ariz.



Erika L. Walsh (D'05) and Kurt N. Rowe (D'05) were married on May 13, 2005. They are starting their new life together in Scottsdale, Ariz. From left to right: Julie E. DeSimone (D'06), Anna M. Miller (D'07), Stephen

W. Colite (D'06), Tricia A. Ray (D'05), Jennifer L. McGuire (D'07), Sohaib Usmani (D'05), Erika Rowe, Kurt Rowe, Tarik Jbarah (D'05), Maki Ishii (D'05, GD'08), and Mahmoud Gad (D'05).

Alumni Connections

Find a former classmate and sign up for an email forwarding service through the University of Pennsylvania Alumni Online Community. Register free at www.alumniconnections.com/olc/pub/UPN/ 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 the University of Pennsylvania Alumni Online Community Directory at www.alumniconnections.com/olc/pub/UPN/. Or, contact Mary McCarron at 215-898-8951 or mrmccarr@ben.dev.upenn.edu.

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Find information on ways to support Penn Dental at www.dental.upenn.edu/alumni. Or, contact Joshua E. Liss at 215-898-8951 or lissj@dental.upenn.edu.

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 or call 215-898-7511.

Order a replacement diploma through the Office of the Secretary's web site at www.upenn.edu/secretary/diplomas/#replace.

Post or search dental career opportunities at www.dental.upenn.edu/alumni/jobs.html.

Obtain a Penn Alumni Card at 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.

Discover the variety of resources and benefits available to Penn alumni, including discounts on services, at www.alumni.upenn.edu/services.

Please address any correspondence to:
Office of Development and Alumni Relations
Robert Schattner Center
University of Pennsylvania
School of Dental Medicine
240 South 40th Street
Philadelphia, PA 19104-6030

In Memoriam

Saul Levin, C'28, D'29
Sarasota, Fla., January 2, 2004

Edward J. Matlavage D'29
Phoenix, Ariz., June 13, 2003

Cyrus A. Draper Jr., C'29, D'30
Ramsey, N.J., February 1, 2005

David H. Goldblatt, D'33
New Milford, N.J., April 3, 2004

Emilie I. Merkle, DH'34
Berwyn, Pa., March 7, 2004

Earl J. Trexler D'34
Allentown, Pa., January 27, 2003

Florence E. Horton, DH'35
Woodbridge, Conn., June 1, 2004

Samuel Seltzer, C'35, D'37
Philadelphia, Pa., February 1, 2004

Carmen A. Elia, D'38
Middletown, N.Y., May 11, 2004

Sylvester J. Hecht, C'3, D'38
Tuscon, Ariz., March 2, 2004

Roxie M. Stitzer, DH'38
Columbus, Ga., May 2, 2005

Ned B. Williams, D'38
Hilton Head Island, S.C., April 25, 2005

Harold E. Ciampoli, C'37, D'39
Newtown Square, Pa., May 21, 2004

Henry G. Bille Jr., D'41
Abington, Pa., September 29, 2004

James S. Dello-Iacono, D'41
Port Washington, N.Y., March 22, 2004

Carlton K. Swerdlove, D'41
Fort Lauderdale, Fla., April 10, 2005

David D. Sosnow, D'42
Hollywood, Fla., September 20, 2003

Robert W. Young, D'42
Des Moines, Iowa, January 19, 2004

Harold Louis Gatti, D'43
Glen Rock, N.J., June 7, 2004

Eugene Shapiro, D'43
Floral Park, N.Y., February 9, 2005

Lester M. Silverman, D'43
West Palm Beach, Fla., February 27, 2005

Marvin A. Bregman, D'44
Dix Hills N.Y., January 31, 2004

Robert M. Greenbaum, C'37, GED'41, D'44
Falmouth, Maine, June 9, 2005

Bernard M. Poritzky, D'44
Boynton Beach, Fla., June 25, 2004

Ruth Fischer Schmidt, DH'44
New Fairfield, Conn., April 18, 2004

Jerald M. Snyder, C'44, D'45
Brookline, Mass., April 13, 2004

Murray P. Rothman, D'46
Bayside, N.Y., August 10, 2004

Arthur I. Klein, D'47
Port St. Lucie, Fla., April 24, 2004

Frederick M. Liebman, D'47
Tuckahoe, N.Y., October 21, 2004

Harold Birghenthal, D'48
Pompano Beach, Fla., March 5, 2005

Jean A. Sayegh, D'49
Wynnewood, Pa., October 1, 2004

George R. Gray, D'50
Longmeadow, Mass., August 17, 2004

Frank E. Rubei, D'51
Sebring, Fla., May 13, 2005

Ford M. Sophocles, D'51
Wallingford, Pa., May 29, 2005

Charles M. Stephenson, D'51
Mentor, Ohio, September 17, 2002

Elizabeth Burns Andringa, DH'52
North Branford, Conn., May 5, 2004

William L. Saunders, D'52
Greensboro, N.C., January 21, 2004

Warren Schneider, GD'52
Boca Raton, Fla., November 8, 2004

Walter J. Demer, GD'53
Ashburn, Va., January 29, 2004

Edward P. Henefer, D'54, GD'56
Lansdale, Pa., November 20, 2004

Leslie A. Commons, D'55
Shelter Island, N.Y., November 30, 2004

Joseph H. Freeman, C'51, D'55
Avon, Conn., February 11, 2004

Donald J. Burke, GD'57
Rochester, N.Y., May 9, 2004

William A. Clark III, GD'57
Metairie, La., December 20, 2004

George E. Seddon, D'58
Meriden, Conn., January 27, 2004

Walter H. Fox, GD'60
West Linn, Ore., February 12, 2005

Andrew J. Fritz, D'61
Cheshire, Conn., January 17, 2004

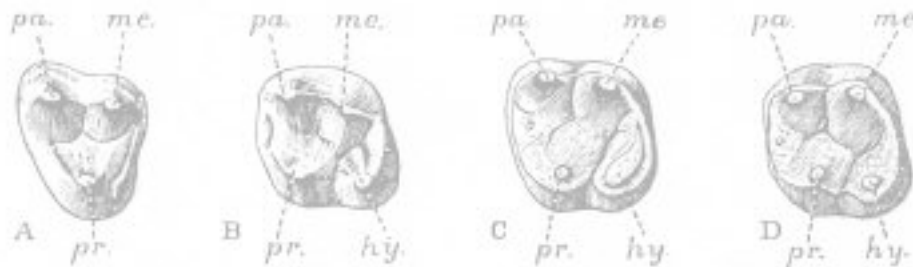
Neal C. Morschauser, D'61
Blackwood, N.J., November 9, 2004

Daniel Isaacson, GD'64
Kula, Hawaii, August 19, 2004

Richard A. D'Alessandro, D'65
Farmington, Conn., September 11, 2004

Michael J. Kareha, D'76, GD'80
Allentown, Pa., February 24, 2004

Stephen W. Lebourdais, D'81
Indian Orchard, Mass., January 5, 2005



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Martin D. Levin, D'72, GD'74
Laura Minsk-Karellos, C'88, GD'94
Michael A. Perillo, D'93, GD'95
Robert J. Tisot, GD'71
Richard S. Tobey, Jr., D'75, GD'79
Orhan C. Tuncay, GD'74

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Lewis E. Proffitt, D'73, WG'80
Margrit M. Maggio, D'87
Laurence G. Chacker, D'85
Michael David Yasner, C'79, D'83, GD'84,
GD'86

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Marjorie K. Jeffcoat, DMD
Morton Amsterdam Dean

James C. Garvey
*Associate Dean for Development
and Alumni Relations*

Joshua E. Liss
*Director of Annual Giving and
Alumni Programs*

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Calendar

OF EVENTS

Alumni Programs & Events

November 2, 2005

**Penn Dental Medicine Alumni Society
Executive Committee Meeting**

Robert Schattner Center
Philadelphia, Pa.
6:30–8:30 p.m.

November 29, 2005

**Alumni Reception
Greater New York Dental Meeting**

Location to be Announced
New York, N.Y.
5:30–7:00 p.m.

January 11, 2006

**Penn Dental Medicine Alumni Society
Executive Committee Meeting**

Robert Schattner Center
Philadelphia, Pa.
6:30–8:30 p.m.

January 27, 2006

**Alumni Reception
Yankee Dental Congress**

Location to be Announced
Boston, Mass.
6–7:30 p.m.

March 8, 2006

**Penn Dental Medicine Alumni Society
Executive Committee Meeting**

Robert Schattner Center
Philadelphia, Pa.
6:30–8:30 p.m.

May 9, 2006

Senior Farewell 2006

Loews Philadelphia Hotel
Philadelphia, Pa.
6–10 p.m.

May 12–13, 2006

Alumni Weekend 2006

Reunions for classes ending in “1” and “6”
Philadelphia, Pa.
For information, visit
www.dental.upenn.edu/alumni2006

June 2–3, 2006

50th Anniversary Symposium

Penn Dental Medicine Department
of Periodontics
Philadelphia, Pa.
For information, please contact the
Department of Periodontics at 215-898-3268

*For information on these and other alumni events,
please visit www.dental.upenn.edu/alumni/events.html
or call 215-898-8951.*

Continuing Dental Education Courses

*Penn Dental Medicine alumni receive a discount
of 25%.*

November 4, 2005

**Aesthetic Implant Restorations: Contemporary
Alternatives and Controversies**

Speakers: Harold Baumgarten, DMD and
Ernesto Lee, DMD
8 a.m. to 4 p.m., 7 CDE lecture credits
Crowne Plaza Hotel
1800 Market Street, Philadelphia, PA 19103

December 16, 2005

Current Concepts in Oral Medicine

Speakers: Scott DeRossi, DMD and Thomas
Sollecito, DMD
8 a.m. to 4 p.m., 7 CDE lecture credits
The Rittenhouse Hotel
210 West Rittenhouse Sq., Philadelphia, PA 19103

February 17, 2006

**Predictable Success in Complete Dentures and
Implant Overdenture Therapies**

Speakers: Vicki Petropoulos, DMD; Behnoush
Rashedi, DMD; and Arnold Rosen, DDS
8 a.m. to 2 p.m., 5 CDE lecture credits
2 p.m. to 4 p.m., 2 CDE lab credits (optional)
The Union League of Philadelphia
140 South Broad Street, Philadelphia, PA 19102

*For more information on these and other Penn
Dental Medicine continuing education programs, visit
www.dental.upenn.edu/cde or call 866-Penn-CDE.*

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