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ON THE COVER: Situated at the back of the Sayre High School in West Philadelphia, Penn Dental Medicine at the Dr. Bernett L. Johnson Jr. Sayre Health Center offers dental care to area residents alongside Penn Medicine doctors and nurses in this federally qualified health center. Dr. Gregg Rothstein and Deanne Wallaert, RDH, (center) run the dental clinic. Community honors students Laura Barunas (D’12, left), and Chris Maliken (D’13, right) started seeing patients there as well in January 2012.
"Engaging locally and globally” or "Penn Dental Medicine in the community" is the common theme of our feature stories in this issue of the Penn Dental Journal, and as they reveal, student and faculty engagement — both locally and globally — continues to grow in new ways, advancing our mission of education, research, and patient care. In West Philadelphia, we opened a new clinic this fall as part of the Sayre Health Center (see story, page 2), where faculty and students are providing much-needed dental services and teaming with students and clinicians from Penn’s Perelman School of Medicine in interdisciplinary patient care. Across the globe in Africa, Penn Dental Medicine’s ongoing involvement in the Botswana-UPenn Partnership is expanding through student externships, a telemedicine program, and a new community health project launched last summer (see story, page 6). And on campus, Dr. Andres Pinto is building on the strengths of the School’s community outreach/service-learning programs in his new role as Chief of the Division of Community Oral Health (see story, page 10).

Within our academic programs, we are building on Penn’s interprofessional partnerships as well, developing a new dual-degree program with Wharton in January (see story, page 14) that becomes the fifth dual-degree option now available to our DMD students. And this year within our postdoctoral programs, we established a Doctor of Science in Dentistry (DScD) degree, a research-focused program that can be earned concurrent with dental specialty training, preparing students to successfully pursue a career in academics (see story, page 14).

I am also pleased to note a number of key appointments within the School community this academic year. Dr. Georges Tawil and Dr. David Shen (D’79, GD’81) have joined our Board of Overseers, bringing a wealth of expertise to this advisory role (see story, page 18); Dr. Chun-Hsi Chung and Dr. Robert Ricciardi, long-time members of the School’s faculty, have been named Chairs of the Department of Orthodontics and the Department of Microbiology, respectively (see story, page 20); and adding to the depth and strength of the School’s research enterprise is Dr. George Hajishengallis, recruited from the University of Louisville as Professor, Department of Microbiology (see story, page 19).

In addition, we are continuing to move forward with plans for a new, state-of-the-art Endodontic Clinic and are nearing our fundraising goal (see story, page 26). As of March, approximately $1.75 million had been raised toward the $2 million needed to make this facility a reality, and I thank the many alumni and friends contributing to this vital project and working to help us reach the funding goal.

Finally, I want to take this opportunity to extend my congratulations to the Class of 2012 and to welcome back all of our alumni on May 11-13, 2012. We hope that you have an opportunity to join us in celebrating the strength of the Penn Dental Medicine community and the positive impact alumni, faculty, staff, and students are making here at the School, across the country, and around the world.

Denis F. Kinane, BDS, PhD
Morton Amsterdam Dean
COMMUNITY BOUND
Penn Dental Medicine Expanding its Reach in West Philly at New Sayre Health Center Clinic
On a chilly Friday morning in February, Dr. Gregg Rothstein, Director of Penn Dental Medicine at Dr. Bernett L. Johnson Jr. Sayre Health Center, has just finished treating one of the five patients on his schedule in the West Philadelphia facility.

Situated in a neighborhood without many dental health care options, there is great demand for dental health care at the Center. "We’re seeing patients who have not had dental care in years, who are now starting to seek care,” Dr. Rothstein says. "It’s very convenient for them. We put banners up and people started coming in.”

Open since this past September, this new clinic is the first Penn Dental Medicine facility to offer comprehensive dental care alongside Penn Medicine doctors and nurses, making it a convenient one-stop health care center for patients, most of them from the surrounding community, and offering Penn Dental students an opportunity to gain clinical experience in a community health setting.

The dental care center at Sayre is among several programs funded through a $2 million grant awarded to the School’s Division of Community Oral Health in 2010 from the Health Resources and Services Administration (HRSA) of the U.S. Department of Health and Human Services. The grant was awarded to support community and public health training for Penn Dental Medicine students (see box, page 5).

**Interdisciplinary Collaborations with Penn Colleagues**

Penn Dental Medicine at Sayre Health Center is one of the latest examples of Penn Dental Medicine dentists and students working in interdisciplinary collaborations with other schools and colleagues across the University of Pennsylvania campus.

The Dr. Bernett L. Johnson Jr. Sayre Health Center, located since 2006 at the back of Sayre High School at 59th and Walnut streets, is a full-service, primary care health center staffed by physicians in Penn’s Department of Medicine and Community Health. It is a federally qualified health center and, as with the new dental care facility, patients pay for services based on a sliding fee scale that takes into account their ability to pay.

"Access to dental care remains problematic for many individuals in West Philadelphia,” says Dr. Joan Gluch, Penn Dental Medicine’s Director of Community Health and Associate Dean of Academic Policies and program director/principal investigator of the HRSA grant. The new Penn Dental Medicine facility at Sayre Health Center, Dr. Gluch says, “offers a welcoming setting for patients to be treated in a comprehensive health care environment.”

That sentiment is echoed by patient Renée Coleman, who says receiving dental care in the same building where she, her daughter, and granddaughter all go for health care is a huge convenience. "I live about two blocks away and I’m glad to have it in my neighborhood,” she said before a recent dental appointment.

**Building a Dental Care Facility in the Community**

Between patients one recent morning, Dr. Rothstein shows off the state-of-the-art dental treatment room that he helped design last summer. In addition to the treatment room, which features digital radiography, the dental area at Sayre includes a laboratory/sterilization area and storage room.

Dr. Rothstein, who has a general dental practice in Richboro, Pa., sees patients at Sayre Health Center on Fridays and some Wednesdays. Before taking this position, he spent Fridays as an attending faculty member with PennSmiles, Penn Dental Medicine’s mobile clinic that provides dental care for children at area schools. When asked by Dr. Gluch and Dr. Robert Collins (D’71), Clinical Professor of Community Oral Health and Director of International Penn Dental Medicine at the Dr. Bernett L. Johnson Jr. Sayre Health Center offers comprehensive dental care for patients of all ages. Students in the School's community health honors program are providing care at this new clinic site.
Community Bound

Relations, to head up the new dental facility at Sayre Health Center, Dr. Rothstein says, “I was eager to do it.”

The clinic offers comprehensive dental care for patients of all ages, and Dr. Rothstein says he does “a little bit of everything,” including fillings, crown and bridge work, dentures, oral surgery and extractions, as well as limited endodontics.

He is joined at Sayre Health Center by Deanne Wallaert, RDH, a public health dental hygiene practitioner, who became part of Penn Dental Medicine’s Division of Community Oral Health in July to help run this new clinic. In Pennsylvania, hygienists can practice in a public health setting without a dentist in attendance, and Wallaert sees patients in the Center five days a week for preventive care and evaluations. In addition, she manages clinic operations, and is responsible for scheduling appointments, billing, and ordering supplies as well as for community outreach initiatives.

Accompanied at times by dental students, Wallaert attends community health fairs, does dental screenings at area schools, teaches students about preventive dental care and otherwise helps bring better dental care to the community, while making sure residents know they can receive care nearby at Penn Dental Medicine at Sayre Health Center.

Penn Dental Medicine students joined the dental care team at Sayre starting in January. Laura Barunas (D’12), a fourth-year student in the community health honors program, is one of the first dental students to provide clinical care at Sayre Health Center. Barunas spends every other Friday at the Center, where she has had the chance to do oral exams, restorations, extractions, and other procedures. “I feel lucky to have this opportunity,” she says, “It builds confidence and skills and it is a great experience to work in the community.”

For the dental students, working at the Sayre Health Center is worthwhile because it offers experience in community-based dental care in an environment that is similar to a private practice, Dr. Rothstein says. In addition, Barunas says treating patients in the community has helped her “learn to communicate with different types of people and cultures.” Chris Maliken (D’13), also a community health honors student, appreciates the “opportunity to provide comprehensive treatment in a setting more like a private practice,” as well as the “efficiency of communication” between dental and medical professionals at the Center.

Because enhancing dental education is a primary grant objective, Dr. Gluch expects the program will be expanded to include additional students in the second, third, and fourth years over the next year or so. By working at Sayre Health Center, Dr. Gluch says, Penn Dental Medicine students will “gain from the experience of treating patients in a public health setting and learn from the interdisciplinary perspective while working alongside physicians at the health center. They also learn about the neighborhood around Sayre High School.”

Coordinating Health Care for the Sayre Community

Although it doesn’t take up a lot of space, the dental treatment room at Sayre has a prime location in the middle of the health center, offering proximity to the doctors and nurses who also...
provide health care for many of the dental patients. This offers an ease of collaboration that is appreciated by both the dental and medical staff and students working at the Center.

“Because of this proximity, we are able to consult with physicians very efficiently about patients,” says Dr. Rothstein, pointing out it is not unusual for patients to forget what medications they are taking or the details of their medical history. In other instances, he adds, doctors and dentists can readily consult about such concerns as suspicious oral lesions.

For instance, Wallaert saw a patient who had a patchy area on her tongue and whose mouth was a bright magenta color. She consulted the patient’s physician, who ran tests and determined that the patient had a vitamin deficiency that was causing these symptoms. “The accessibility of the doctors and dentists creates better care opportunities for patients,” says Wallaert.

Dr. Kent Bream, founding Medical Director of the Dr. Bernett L. Johnson Jr. Sayre Health Center and Assistant Professor of Clinical Family Medicine and Community Health in Penn’s Perelman School of Medicine, is pleased to have Penn Dental Medicine colleagues working alongside medical colleagues at the Center.

“You can’t think about comprehensive primary care without thinking about oral health,” says Dr. Bream, adding that delivering dental care as part of a primary care center “is an efficient way to provide much-needed care to the Sayre community.”

The dental and medical care providers also collaborate on community health initiatives, such as the SHIELD (Sayre Health Initiatives, Education and Leadership Development) program, a training and mentorship program to help prepare Sayre High School students for college and careers as medical professionals. “The collaboration is invested in making a bilateral difference in people’s health, their future careers, and their lives,” says Dr. Bream.

Indeed, Penn Dental Medicine’s collaboration with Sayre High School goes back to 2001, says Dr. Gluch, when the principal requested that Penn Dental Medicine begin an oral health education and screening program for the high school students, who had little access to dental care.

Now, with the opening of the Sayre Health Center facility, Penn Dental Medicine has been successful in enhancing dental care in the West Philadelphia neighborhood, while providing dental students with experience in community-based dentistry, Dr. Rothstein says. “Our job is to educate great dentists, and do it while providing outstanding care and promoting health education in the community.”

HRSA GRANT SUPPORTING SAYRE CLINIC, OTHER COMMUNITY HEALTH PROGRAMS

In Fall 2010, Penn Dental Medicine’s Division of Community Oral Health received a $2 million grant from the Health Resources Services Administration to support community and public health training programs. In addition to funding Penn Dental Medicine at Sayre Health Center, the grant is also providing support for:

- The community health honors program for talented second-, third- and fourth-year dental students (the honors program includes a 20-hour seminar course and a 120-hour community field experience beyond what is required of all dental students).

- Expanded support for students in the dual-degree Master of Public Health/DMD program.

- Expanded community-based experiences for second-year dental students through enhanced participation with six University of Pennsylvania-affiliated community health sites, including the Homeless Health Initiative of The Children’s Hospital of Philadelphia, Puentes de Salud, United Community Clinics, University City Hospitality Coalition, Chinatown Clinic, and Eliza Shirley House.

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ast fall marked the ten-year anniversary of the Botswana-UPenn Partnership — a decade of intensive planning, goal-setting, relationship-building, and, most of all, hands-on learning. The Partnership, founded in 2001 by Penn’s Perelman School of Medicine, has grown to include the majority of the Schools at Penn, including the School of Dental Medicine.

Since the School became involved in 2008, Penn Dental Medicine’s role in the partnership has grown in three ways: through the expansion of the School’s thriving externship program, which allows dental students to gain valuable community hospital experience at Princess Marina Hospital in Gaborone, Botswana’s capital; through a growing telemedicine program, which utilizes cell phone cameras in the diagnosis of complex oral health cases; and through the launch this past summer of a partnership with the School of Nursing as part of a new community health program.

**AT THE CENTER OF THE WORLD AIDS EPIDEMIC**

Though Botswana, a land-locked, largely desert nation of roughly 2 million people in Southern Africa, boasts one of the fastest-growing economies in Africa, it also holds the distinction of having the second-highest incidence of HIV and AIDS in the world, after Swaziland, and among the world’s highest prevalence of active tuberculosis, which often accompanies HIV and AIDS. The Botswana-UPenn Partnership was conceived as an interdisciplinary approach to training medical personnel throughout Botswana to treat its staggering number of HIV, AIDS and TB cases, while providing Penn Medicine students with an invaluable introduction to global health as they experienced the epidemic in community and hospital settings. In addition, the Partnership strives to foster collaborative research opportunities that address issues related to the health and welfare of the people of Botswana.

“Because of the support we received from the University and from the School of Medicine, we were able to establish a very strong clinical program at Princess Marina Hospital in Botswana with a focus on HIV and its complications,” says Dr. Harvey Friedman, Chief of Infectious Diseases at Penn Medicine and Director of the Botswana-UPenn Partnership, adding that this focus has grown over the years to include successful programs in women’s health and pediatrics, and that the School now has 11 full-time doctors residing and practicing in Botswana. “Considering the excellence of our dental school, we naturally wanted to share some of that expertise with our colleagues in Botswana.”

Details of Tswana Hope quilt, left, by Cindy Friedman, Art and Cultural Exchange Consultant for the Botswana-UPenn Partnership.

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**CROSS-CULTURAL collaboration**

The decade-long Botswana-UPenn Partnership is stronger than ever, providing life-changing, career-shaping opportunities for dental students and faculty.
“ONE WORLD-HEALTH SPECTRUM”

Dr. Robert Collins (D’71), Director of International Relations at Penn Dental Medicine, spent 24 years as a practicing dentist and program director working with Native American communities, and understands firsthand the value of practicing in a different culture.

“Our world has become so small, and we need to start thinking of local and global communities on one world-health spectrum,” he says.

In 2008, when the Provost’s Office offered a travel grant for faculty from any of the schools at Penn to review the research and collaboration opportunities in Botswana, Dr. Collins made the trip with Dr. Andres Pinto (D’99, GD’01, GR’07, GR’12, M’12), who is now Chief of the School’s Division of Community Oral Health (see profile, page 10). There, at Princess Marina Hospital, they met Dr. Motsholathebe Phuthego, whom Collins calls “the source of continuity” in Penn Dental Medicine’s partnership in Botswana. The only practicing oral maxillofacial surgeon in Botswana, the University of Iowa- and University College of London-educated clinician has instructed all of the Penn Dental Medicine externs in Botswana.

A GROWING EXTERNSHIP PROGRAM

In 2009, Dr. Joseph Foote (D’10) was the first dental student to complete a hospital externship in Botswana. Since then, the number of participants in the month-long experience has grown steadily. A total of 15 students to date have completed externships there, including five students this academic year from the Class of 2012: Galina Filipova, Alison St. Paul, Marjana Knezovic, Karen Kandel, and Lucy Kim.

“I’m very proud of our students for taking advantage of the opportunities in Botswana, and for the additional effort they put in to make it possible,” says Dr. Martin Greenberg, Professor of Oral Medicine and Associate Dean for Hospital Affairs at Penn Dental Medicine, who oversees the hospital externship requirement for all fourth-year students and is also involved in the Botswana telemedicine project. “Our externs are extremely well trained before they leave—for their safety and for their patients’ safety.”

All fourth-year students at Penn Dental Medicine are required to complete a hospital externship as a requirement for graduation, whether it is in a hospital in Philadelphia, elsewhere in the U.S., or overseas. At this point in their educations, students have already had extensive training on communicable disease prevention in the clinic, but those headed to Botswana must prepare further, completing a series of lectures and one-on-one training with Dr. Pinto. They must demonstrate full knowledge of protocols and protective strategies for treating patients with HIV/AIDS and other infectious diseases, and also attend seminars on the local culture of Botswana.

Joining forces with Dr. Phuthego in his daily battle against the ravages of HIV and AIDS and other diseases of the mouth and jaws is an experience that, for externs, has in turns been challenging, rewarding, and thought-provoking. Though their experiences vary, all of the Botswana externs have returned to Penn Dental Medicine with a broader perspective on world health and on their career goals.

“The students who come here have the opportunity to see firsthand most of the pathology that they read about in books on a much larger scale than they would ever see in Philadelphia,” says Dr. Phuthego. “Seeing our patients and taking their histories is of great value to them, as well as exchanging knowledge with my officers. The cross-cultural interactions have been very valuable.”

Dr. Greenberg agrees. “These students have the rare opportunity to see how health care works in a country with an underserved population and a unique culture. Doctor–patient relationships and the way that health care is delivered and financed are all very different,” he says. “That experience and knowledge will change the way they view their education and their practice.”
TELEMEDICINE AIDING IN DIAGNOSIS

Access to a reliable Internet connection is a rarity in Botswana, especially in rural areas. But cell phones and reception are available, and by using phones with high-resolution cameras to document and transmit photos of complex oral conditions, dentists throughout Botswana are getting faster answers and more accurate treatment options, both from their colleagues at Princess Marina Hospital and, when additional consultation is needed, from Penn Dental Medicine.

The growing telemedicine project of the Botswana-UPenn Partnership began in 2009 as a collaboration between physicians at Princess Marina and Dr. Carrie Kovarik, Assistant Professor of Dermatology and Infectious Diseases at Penn Medicine. In addition to dermatology and dentistry, the Partnership has also initiated telemedicine projects in radiology and cervical cancer.

Using her expertise in identifying skin rashes, as well as photos sent from Gaborone via cell phone, Dr. Kovarik was able to help doctors there diagnose and treat unfamiliar skin conditions. In 2009, when she was asked her opinion on oral lesions, she turned to Dr. Greenberg. The two colleagues began research that has led to improved quality of photographic images and more accurate diagnoses.

"Telemedicine has tremendous potential in Botswana and around the world," says Dr. Greenberg. "In oral medicine, pictures can tell you so much about conditions like Kaposi’s sarcoma (a common manifestation of the AIDS virus), yeast infections, herpes lesions, lymphomas, and other diseases that affect the oral mucosa." With newer and better Android phones, he says, dentists in Botswana now have quick, accurate access to information and support for complex oral health cases.

Currently, he and Dr. Kovarik are awaiting news of funding to expand their study, and the telemedicine project, still further: "We hope to increase the number of sites in Botswana using oral telemedicine, and, eventually, to extend the project to other countries in Africa and South America," Dr. Greenberg says.

PARTNERING WITH THE SCHOOL OF NURSING

In 2009, the School of Nursing introduced a community health program allowing nursing students to complete their community health clinical rotation in Botswana. Supervised by an American nurse and partnering with nursing student peers at the University of Botswana, students benefit from instructional clinical practice in government community health clinics, while receiving an insider’s view of the country’s health care system. The clinical sites focus on AIDS and tuberculosis, women’s health, children’s health, and home care.

The dental school’s involvement in the new community-based program with Nursing grew out of a series of meetings that Dr. Collins and Dr. Uri Hangorsky, Associate Dean for Academic Affairs at Penn Dental Medicine, had with Dr. Marjorie Muecke, Assistant Dean for Global Health Affairs at the School of Nursing. "I saw it as a logical extension of the hospital experience. Dr. Hangorsky saw it as a unique offering for dental students who were interested in community and interdisciplinary health, especially in Africa. And, for Dr. Muecke, there was an important benefit to having nursing students learn from dental students about oral health and how to screen patients for oral problems," says Dr. Collins.

This past summer, the first Penn Dental Medicine student to participate in the program spent three weeks in Botswana. Third-year student Saveet Mangat (D’13) worked with nursing students at two community sites.
At the Holy Cross Hospice in Gaborone, which is completely run by local volunteers, Mangat met patients of all ages whose lives had been deeply affected by HIV and AIDS. She teamed with nursing students in doing medical and oral assessments and prioritizing the treatment of the hospice’s many immunocompromised patients. At the Kamogelo Day Care Centre outside of the city, Mangat conducted oral assessments on 150 children orphaned or otherwise impacted by the AIDS epidemic. “I had the pleasure of teaching the student nurses how to do basic oral health assessments and screenings,” says Mangat. “The best part was teaching each child how to brush his or her own teeth. I gave each child a toothbrush and had them sit across from me, one on one. The children absolutely loved this interactive part of the assessment.”

“The nurses and I definitely had a transformative experience,” Mangat says. “We were able to work together to achieve the common goal of providing health care. I believe this partnership between Penn Nursing and the School of Dental Medicine will truly improve the quality of life of the people of Botswana.”

Seeing the value of both the hospital and community health aspects of the Botswana experience, Dr. Collins hopes that a combined hospital/community health externship will soon be available to Penn Dental Medicine students. As an alternative to the current hospital externship, it would enable students interested in community health to gain experience in that area while fulfilling their hospital externship requirement.

Looking ahead, Dr. Friedman notes that the University is committed to the Partnership and plans to play an important role in the future of health care in Botswana. “Hopefully, in time, the people of Botswana will no longer need as much help with the clinical and educational aspects of the program,” he says, “but I think the research aspect will be a long-standing and nourishing relationship.”

PDJ
—Juliana Delany

A NEW PERSPECTIVE:
EVERYDAY DENTISTRY IN BOTSWANA

PRINCESS MARINA, where Penn Dental Medicine externs are based, is a public hospital in Botswana’s capital city of Gaborone where services are performed for free. Externs report that on an average day, when Dr. Phuthego and his team arrived at 7:30 a.m., it was not uncommon for 100 patients to be waiting to be seen in the dental clinic.

“The main language spoken in Gaborone is Setswana, but many people speak English as well,” says extern Alison St. Paul (D’12). “If there was a patient who did not speak English, one of the assistants or another dentist would help by translating.”

A typical day working with Dr. Phuthego at the dental clinic often began with hospital rounds: “We evaluated and worked up newly admitted patients under the close supervision of Dr. Phuthego including maxillofacial trauma, oral infections, and oral lesions,” reports Galina Filipova (D’12), an extern who attended high school in Botswana and was thrilled to return. Externs also assisted the local dental staff and, since dental equipment is limited in Botswana, learned the challenges faced by dentists working without equipment such as high speed suction and saliva ejectors.

“Despite the often difficult working environment,” says Filipova, “the staff at the dental clinic was extremely dedicated to their patients’ wellbeing.” And, as a group, the externs were unanimous in their praise and appreciation of their mentor and instructor.

“Dr. Phuthego is incredibly hardworking and inspiring,” says extern Marjana Knezevic (D’12). “He selflessly shares his knowledge and skills. Working with him was an absolute pleasure.”
DR. ANDRES PINTO (D’99, GD’01, GR’07, GR’12, M’12) has an abiding goal to have Penn Dental Medicine students embrace a holistic view about making an impact in the communities they will serve.

“As dentists, we need to practice public health skills in addition to clinical care skills and be key players in oral health outreach,” he says.

That vision has defined Dr. Pinto since his days as a predoctoral and postdoctoral student at Penn and all the way through his 10 years as a member of the School’s faculty. So it was a natural match when Penn Dental Medicine selected him to take on the post of Chief of the Division of Community Oral Health this past summer.

Effective July 2011, this new position added to a long list of roles: Associate Professor of Oral Medicine; Director of Oral Medicine Services and Medically Complex Patient Care; clinician within the Penn Dental Faculty Practices; and an active member of an intramural practice in oral medicine and dental care for medically complex patients.

“Although the position represents a major addition to my current duties, it is a good fit with my interest in public health,” he says.

CONNECTING TO THE COMMUNITY

As the new Chief of the Division of Community Oral Health, Dr. Andres Pinto hopes to inspire public service among students, while continuing to build the School’s presence in the community.

A FORERUNNER IN PUBLIC HEALTH

Dr. Pinto was the first dentist to train in Penn’s Master of Public Health program, earning his degree in 2007. During that time, he developed a strong interest in health disparity research and policy, particularly oral-medical disparities and access-to-care issues in minority populations. That interest continues to inform his activities now as Division Chief, a position he considers a calling to help remedy the disparities in medical and dental care affecting those in greatest need in Philadelphia.

“Our Division is strong and offers formidable prospects to increase our presence in the community and beyond,” he says. “Our goal is to integrate the science of dentistry with the practice of public health to prevent oral disease and promote better overall health.”

Key to Dr. Pinto’s decision to take on the new role was the opportunity to work with seasoned public health practitioners. He believes the best ways to define, assess, and resolve public health problems is to draw on the knowledge and skills of practitioners in a variety of disciplines.

“I am fortunate to have key collaborators on our team, including Dr. Robert Collins [Director of the Office of International Relations], Dr. Joan Gluch [Director of Community Oral Health and Associate Dean for Academic Policy], and a group of superb certified public health hygienists,” says Dr. Pinto. “Equally important are the collaborative relations we have across campus, all of which were instrumental in my decision to commit to this position.”
SERVING A LARGE COMMUNITY

The central focus of the Division of Community Oral Health is the School’s academically based service-learning programs, which take students and faculty into the community through a wealth of service and educational opportunities. Each year on average, students and faculty provide oral health education, screening, preventive and clinical dental services and referrals to more than 14,000 individuals. Dr. Pinto notes that the growth and success of these programs is based upon strong collaboration between the University and community-based partners in West and Southwest Philadelphia, and he is committed to continuing to build upon this model going forward.

"By working with community partners, such as the School District of Philadelphia, to establish ongoing programs or with agencies that have existing service programs where oral health education and services can be readily implemented, we are able to provide a consistent oral health presence for the audiences served," says Dr. Pinto. "In this way, our service programs are a sustainable means of increasing access to care, while providing our students with diverse experiences."

In addition to working with the School District, where students and faculty provide screenings and dental sealants in the classroom and clinical care aboard the PennSmiles mobile clinic, the Division partners with community-based clinics in West Philadelphia, where students provide care to the elderly as part of Penn Nursing’s LIFE Center; and to residents of all ages within Sayre Health Center, a new site that opened since Dr. Pinto’s appointment (see story, page 2). The Division’s service-learning programs also include partnerships with five University-based interdisciplinary care clinics where Penn Dental Medicine students and faculty work in collaboration with Penn medical, nursing, and social work students to provide oral health education, dental screenings, and referrals for dental care.

Outreach aside, Dr. Pinto also believes the service-learning aspect of the School’s curriculum provides valuable benefits to dental students. "We provide students with a different view of how a dentist can impact his or her community," he says. "I believe this exposure makes them better dentists."

FOCUSING ON RESEARCH

In addition to serving the community, Dr. Pinto is equally dedicated to forwarding research initiatives that will help transform knowledge into improved ways of diagnosing, treating, and preventing disease. He believes the School is strongly positioned to meet that need and is taking up that task within his Division.
“We are one of two local dental schools with epidemiologic data on the oral health of children and young adults in Philadelphia,” he says. “By establishing the epidemiologic profile of oral disease in the population we serve, we can illustrate local oral health disparities.” Armed with that data, he feels confident in approaching community, local, and federal organizations to ask for support in expanding the sealant and screening programs in Philadelphia.

Looking ahead, he hopes that data will also help him secure funding necessary to bringing more services to the community. “Preliminary data can be used to apply for funding from private and public sources to enhance our programs,” he says. “One initiative we would like to develop is a dental public health residency, which could in turn, increase the number of dental public health practitioners in our area.”

Dr. Pinto envisions the residency program as a way to develop a cadre of practitioners who can serve the oral health needs of a larger population. “Part of Penn’s goal is to train professionals who are conscious of the challenges of access to care that a big segment of the population faces,” he says. “This residency program would allow us to provide more care to more people.”

As Dr. Pinto works on building research activities within the Division, it is helping to increase the scholarly yield as well — another of his goals. Talking to him in February, he notes, “This academic year, we have already submitted five abstracts to several scientific meetings, including the International Association for Dental Research, and are in the process of finalizing three manuscripts based on some of the research we have done with the information gathered by our services over the last seven years.”

Of course, program expansion to educate even more of the community about the importance of oral health to total wellbeing is also on Dr. Pinto’s list.

“We are currently exploring the feasibility of implementing oral care and screening in primary care medical and nursing practices in coordination with the Penn’s schools of Nursing and Medicine,” he adds. “We are also keen on implementing evaluation of our interventions in the community, both from a community-based perspective and via assessment of our impact on the incidence of caries, periodontal disease, and referrals for emergency care in West Philadelphia.”

—Amy Biemiller

ANDRES PINTO, DMD, MPH, FDS, RCSED

Associate Professor of Oral Medicine and Community Oral Health
Director of Oral Medicine Services
Chief, Division of Community Oral Health

EDUCATION
• MS, Clinical Epidemiology, University of Pennsylvania, 2012
• MPH, University of Pennsylvania, 2007
• Certificate, Clinical Research, University of Pennsylvania, 2005
• Certificate, Oral Medicine, Penn Dental Medicine, 2001
• DMD, Penn Dental Medicine, 1999
• DDS, Universidad Javeriana (Bogota, Colombia), 1995

HONORS/CREDSNTIALS
• Fellow in Dental Surgery (Oral Med), Royal College of Surgeons (Edinburgh), 2011
• Selected as Evidence-Based Reviewer, American Dental Association, 2008
• Recipient of the American Dental Education Association’s Junior Faculty Award, 2005
• Selected for the American Dental Association’s Institute for Leadership, 2004
• Recipient of the Provost Faculty Award by the University of Pennsylvania, 2005
• Diplomate, American Board of Oral Medicine, 2004
• Fellow, American Association of Hospital Dentists, 2003

RESEARCH INTERESTS
• Prevalence of overweight and oral health considerations in children with cardiovascular disease
• Outcome assessment in orofacial pain, including the epidemiology of orofacial pain in children and adolescents
• Pain processing and perception in children and adolescents, in particular the affect of perceived pain experiences on attitudes toward dental treatment
With the large number of new techniques, technologies, and materials entering the market, many of the traditional paradigms in restorative dentistry are being reconsidered, opening the doors to treatment options that were unthinkable just a few years ago. The driving forces behind these concepts are: predictable, precise, non-invasive, long lasting, easy-to-fabricate, and highly esthetic dental restorations. Two key technologies have brought us that much closer to reaching these goals: adhesive dentistry and CAD/CAM technology.

CAD/CAM technology is currently used in all areas of clinical dentistry and applies to almost all restorative dental material groups, including high-strength and silica-based ceramics, composites, acrylics, metal alloys (e.g., titanium and cobalt chromium), and even wax. Paired with modern intra- and extraoral scanners, the clinical possibilities seem limitless, exemplified by the rapidly increasing popularity of CAD/CAM full-contour zirconia and lithium-disilicate crowns.

The quest for less invasive, longer lasting, and more esthetic restorations has elevated adhesive dentistry to new levels. Improved bonding agents, composites, and resin cements are being developed at an incredible pace. Current developments focus on universal self-etch and self-adhesive products that simplify clinical steps while offering the proven advantages of dental adhesion and resin composite technology.¹

A perfect example of pairing CAD/CAM with adhesive dentistry is the all-ceramic resin bonded bridge or fixed partial denture (CRBFPD). CRBFPDs can be applied in select cases of anterior missing teeth as temporary or permanent solutions when other treatment options (e.g., dental implants) are not possible. Zirconia framework materials eliminate the grayish discoloration of the abutment teeth typical for metal-based RBFPDs, yet provide sufficient strength for thin connectors and retainer wings. In fact, long-term clinical evidence for CRBFPDs strongly supports a modified single-retainer cantilever framework design over the traditional double-wing design.² Proper application of the most reliable bonding protocol is key for clinical success.

Much of our research over the past decade has focused on the development of such novel protocols and on the creation of less invasive and more esthetic resin-bonded CAD/CAM restorations. Collaborations with the Penn Regional Nanotechnology Facility and Penn’s School of Engineering and Applied Sciences have greatly enhanced understanding of the matter and led to clinical recommendations that have significantly contributed to the recent steep increase in the popularity of these innovative treatment options.

The clinical treatment of a single-retainer cantilever CRBFPD starts with a non-invasive preparation design predominantly confined to enamel. The long-term retention of the restoration then relies on the selection of the self- or dual-cure composite resin cement and proper treatment of the tooth and restoration surfaces. Zirconia bonding surfaces are preferably air-particle abraded with aluminum-oxide particles and coated with a special, modified ceramic primer that contains adhesive phosphate monomers that have the ability to chemically bond to metal-oxide ceramics.³

“Adhesive Prosthodontics” summarizes the invigorating possibilities when pairing traditional prosthodontic concepts with conservative dentistry paradigms and technological advances. It is an exciting task to be at the forefront of these innovative developments, and to teach our students and provide our patients with the most updated, yet scientifically proven, clinical care.

Penn Dental Medicine Adds DScD Degree to its Academic Programs

Penn Dental Medicine is adding to its academic programs with the establishment of a new doctoral degree that will combine a doctor of science in dentistry (DScD) with advanced training in a clinical dental specialty. The new program was approved by the University of Pennsylvania Trustees at their November 2011 meeting and has undergone approval from the Commission on Dental Accreditation as well.

The program is open to students with a DMD/DDS degree or equivalent who are pursuing postgraduate training in the clinical specialty programs of Periodontics, Endodontics, Orthodontics, Periodontics/Prosthesis, or Oral Medicine. Candidates will concurrently complete their clinical specialty training and DScD degree, engaging in an intensive research program that culminates in a thesis and oral defense. The program is also open to individuals who have completed their clinical specialty training, but are interested in obtaining a DScD degree; students in this four-year track will complete all of the didactic courses and research requirements, but not directly participate in clinical care.

“There is a significant need to inspire students to enter academic dentistry, and to prepare them for successful careers through extensive research experience — that is our key goal with this new program,” says Dr. Denis Kinane, Morton Amsterdam Dean of Penn Dental Medicine. “It will enable students to utilize the strong research environment at Penn Dental Medicine and the other schools within the University of Pennsylvania.”

“The program will combine both the research and clinical strengths of the School and increase interaction between the basic and clinical departments, drawing faculty mentors from both,” says Dr. Dana Graves, Professor in the Department of Periodontics and Associate Dean for Translational Research, who in partnership with Dr. Claire Mitchell, Associate Professor, Department of Anatomy & Cell Biology, worked with the school’s faculty and administration in developing the program.

With the goal of providing students the opportunity to pursue research across disciplines, faculty from Penn’s School of Engineering and Applied Sciences, Perelman School of Medicine, School of Nursing, and School of Veterinary Medicine will also be participating in the program. “The involvement of other schools will broaden the range of research projects available, and conversely, DScD students will enrich the laboratories in which they participate,” adds Dr. Mitchell.

“Both rigorous clinical and research experiences are central to the DScD program,” notes Dr. Graves. Students will devote from 40% to 80% of their time in each year of the program to research, and clinical training will occur in all five years of the specialty certificate/DScD program to ensure maintenance of clinical skills throughout. In addition, all students will take courses in grant writing and write an NIH K08 or K23 grant.

It is anticipated that the program will accept three to five students per year.

Penn Dental Medicine Develops Dual-Degree MBA Program with Wharton

Building on its interdisciplinary offerings, Penn Dental Medicine has established a new dual-degree program with Wharton, adding a DMD/MBA to its dual-degree options. The new program will enable select students to earn their DMD and MBA in 5 1/2 years. It was added to the School’s dual-degree programs beginning in January.

“With all of Penn’s professional and graduate schools on a unified campus, it creates a tremendous opportunity to build interdisciplinary programs for our students,” says Dr. Uri Hangorsky, Associate Dean for Academic Affairs at Penn Dental Medicine. “We are seeing growing interest among our dental students in an MBA program and are pleased to have joined with Wharton to develop this program.”

With the addition of the MBA, there are now five dual-degree options for Penn Dental Medicine DMD students — the others include a Master of Bioethics and Master of Public Health with Penn’s Perelman School of Medicine; a Master of Science in Bioengineering with the School of Engineering and Applied Science; and a Master of...
Students Form Penn Chapter of American Association of Public Health Dentistry

Student interest in public health is on the rise at Penn Dental Medicine with the establishment this academic year of a student chapter of the American Association of Public Health Dentistry (AAPHD). “Miguel Padilla Hernandez and I started talking about the idea last spring,” says Rayna Strong (D’13), who is co–president of the chapter with Hernandez (D’13). “We have similar interests in social justice and public policy and we try to advocate for underserved and underrepresented communities, and we wanted to have a student organization that brought discussion about the broad issues of public health into the School environment.”

In addition to Strong and Hernandez, the other officers include Eunice Chay (D’15), Manuela McCall (D’15), Elly Hosseini (D’15), and Steven Lin (D’15), and Strong adds that they are pleased to have a lot of involvement among the freshman class “so they will continue to build the organization.”

The faculty advisors of the group are Drs. Andres Pinto, Chief of the Division of Community Oral Health; Joan Gluch, Director of Community Health; and Robert Collins (D’71) Director of International Relations.

The chapter held its first general meeting on February 9 with Dr. Collins speaking on his career path in public health dentistry, which included 24 years within the U.S. Public Health Service Commissioned Corps, working in the Indian Health Service. “We had a great turnout, and Dr. Collins talked about different career options in public health and also addressed that you can work in a private practice and still get involved in public–health dentistry,” says Strong.

“As a past president of the AAPHD, I am particularly pleased to see the growing interest in public health among our students coalesce in the form of an AAPHD student chapter. The students should be justifiably proud of the fact that the idea for the chapter was theirs alone. I was delighted to be asked to be their faculty mentor and inaugural speaker,” says Dr. Collins. “I hope that my remarks at the initial chapter meeting and continuing encouragement will help to bring home the myriad of opportunities that exist for careers in dental public health.”

The chapter has plans to develop an ongoing series of guest speakers, and is working on formalizing a mentoring program for high school students enrolled in the Oral Health Academy at the A. Philip Randolph Career Academy in North Philadelphia, which exposes students to dental careers. Strong notes that the Oral Health Academy was established last year by Penn Dental Medicine Dean Emeritus Dr. D. Walter Cohen and is currently run by Penn Dental Medicine oral hygiene alumna Charlene Fenster (DH’75). Strong adds, “If we can help the professional development of even just a handful of students, that can make a difference.”

Penn Dental Medicine Partners with ADG on Outreach Event

Penn Dental Medicine will be the site of the Academy of General Dentistry (AGD)’s AGD/AGD Foundation Outreach Program, “Nation of Smiles, One Smile at a Time,” to be held in conjunction with the AGD 2012 Annual Meeting & Exhibits, taking place in Philadelphia, June 21 – 24. The outreach program will be held on Saturday, June 23, from 7 a.m. to 4 p.m. within the clinics of Penn Dental Medicine.

Penn Dental Medicine faculty, staff, and students will be volunteering their time in partnership with AGD members and other volunteer dentists and hygienists to provide free dental care to individuals from underserved populations in Philadelphia. It is anticipated that nearly 600 patients will be provided care on this day of service. This is the third year that the AGD/AGD Foundation Outreach Program has been held as part of the group’s annual meeting.
Students Building Interest in Prosthodontics

In November 2010, after completing their Removable Prosthodontics course, a group of Penn Dental Medicine students were eager to learn more about the field, and since then, have formed a new student organization — the Prosthodontics Student Association at Penn (PSAP) — that is enabling more students to do the same.

“We approached Dr. Kent after our course with the idea of forming this association and he was very supportive,” says Noam Green (D’13) one of the founding members and the current PSAP President. Dr. Kenneth Kent, Clinical Associate Professor of Restorative Dentistry and Director of Removable Prosthodontics, serves as the group’s faculty advisor.

“There are a number of prosthodontists at the School who are eager to share their knowledge and experience beyond the scope of the curriculum and answer the many questions one may have as a budding prosthodontist,” says Green. “The hope is that with PSAP as a resource, students will gain the opportunity to expand their knowledge base and gain exposure to the field of prosthodontics in order to further define their own professional goals.”

Among the group’s programs to date have been a Q&A session with students accepted into prosthodontic residencies and a number of guest lecturers. PSAP members have also assisted in creating a new Removable Partial Denture manual and attended the Greater New York Academy of Prosthodontics in 2010 and 2011. They are currently working on developing more “lunch & learn” lectures, social events, and table clinics for the American College of Prosthodontics and the Greater New York Academy of Prosthodontics. They are also developing a big sib/little sib program that would pair students with an interest in prosthodontics. In addition to Green, the other PSAP officers include Social Vice President Monjir Bakshi (D’13), Academic Vice President Se Jong Kim (D’13), Event and Networking Coordinator Mindy Altemose (D’13), Secretary Lauren Wegryzniak (D’13), Treasurer Brian Kasten (D’13), Sophomore Representative Nicole Fernandez (D’14), and Freshman Representative Mariam Naeem (D’15).

“The Prosthodontics Association is part of the renaissance of prosthodontics at Penn Dental Medicine,” says Dr. Kent. “Much of this is driven by the excitement of our students, an influx of talented Prosthodontic faculty, and continuing research in materials as well as the expanded applications of CAD/CAM to fixed removable prosthodontics. The Association allows students to get involved at every level.”

Green is looking to organize student involvement in the field even further. “We are hoping to translate this model to a larger scale, by establishing student branches for both regional and national prosthodontic organizations,” he says. “It is exciting to see how quickly this new organization has developed, thanks to the support of enthusiastic faculty and students.”

Goldin Lecture

This year’s Goldin Lecture, titled “Introduction to Ergonomics: Working Smart for a Healthy Career,” offered students, staff, and faculty advice and resources for developing a healthy work environment. Held December 8, 2011 at Penn Dental Medicine, the presenters included (left to right) Alexandra Rella, PT, DPT, Injury Prevention Specialist for the University of Pennsylvania Health System; and Valerie Perez, MS, CHO, University of Pennsylvania Industrial Hygienist; pictured with Dr. Marshall Goldin (C’60, D’64) and Harriet Goldin (CW’62). The Goldin Lecture, held annually, is made possible through an endowed fund established by the Goldins.
Research Award Supporting New Collaborations Across Disciplines

Helping to advance new research projects across disciplines is the 2011 Joseph and Josephine Rabinowitz Award for Excellence in Research, presented to four Penn Dental Medicine faculty members at a special luncheon presentation on December 12.

This Penn Dental Medicine research award was established in 2002 through the generosity of the late Dr. Joseph "Jose" Rabinowitz, an active member of the School’s Biochemistry faculty for 29 years, and his wife, Josephine. The Rabinowitzes endowed this award to promote independent research among Penn Dental Medicine faculty members.

“This year, the award was directed to new projects that also involve new collaborations among our basic science and clinical faculty,” says Dr. Bruce Shenker, Associate Dean for Research at Penn Dental Medicine. “Promoting research across disciplines was a hallmark of Dr. Rabinowitz’ scientific career, and that legacy continues through this year’s award.”

This year’s recipients are Dr. Kathleen Boesze-Battaglia, Professor, Department of Biochemistry; Dr. Jon Korostoff, Associate Professor of Periodontics; Dr. Patricia Miguez, Assistant Professor, Department of Periodontics; and Dr. Elisabeth Barton, Associate Professor, Department of Anatomy & Cell Biology. The award will support a collaboration between Drs. Boesze-Battaglia and Korostoff on a project titled, “Defective Lysosome Maturation is Correlated with Chronic Periodontal Disease,” and one between Drs. Miguez and Barton on a project titled “Evaluation of Natural Cross-Linker Agents as Modulators of Muscle and Bone Growth Factors.” Award recipients received $20,000 toward each of these two projects.

“It is well known that periodontitis is a chronic inflammatory disease that is driven by polymicrobial infection by red-complex periodontal pathogens — the best characterized of which is P. gingivalis (P.g.). To establish chronic infection in hostile host environments, pathogens devise mechanisms by which they evade or subvert host defense mechanisms designed to eliminate them,” explains Dr. Boesze-Battaglia. “In our studies, we will determine if a protein necessary in bacterial degradation is non-functional in patients with chronic periodontitis.” Their studies will involve isolation and characterization of clinical isolates by Dr. Korostoff in combination with live-cell imaging and biochemical analyses performed in Dr. Boesze-Battaglia’s lab.

In describing the project of Drs. Barton and Miguez, Dr. Miguez notes that their collaboration came together through a common interest in extra-cellular matrix-cell interaction. “We are particularly interested in the effects that phytochemicals have on muscle and bone matrix characteristics, and specifically, if these effects are common to both tissue types and how they affect cell behavior,” she says. “Understanding how these natural agents function could lead to the development of therapies to promote bone and muscle regeneration in various pathologies.” Currently, they are working to find the best culture conditions to study muscle and bone cells in the presence of these compounds; she notes that ideally they would like to test the compounds in concentrations close to physiological conditions (i.e. those found in plasma after ingestion).

Both projects embody the spirit of inquiry that defined the career of Dr. Rabinowitz. Dr. Rabinowitz was known for his research in lipid and steroid biochemistry, and made the seminal discovery that HMG CoA was a key intermediate in cholesterol biosynthesis. His research helped lead to the development of the important class of cholesterol-lowering drugs known as statins.
School Names Two New Members to Board of Overseers

Penn Dental Medicine announces the appointment of two new members to its Board of Overseers – Dr. Georges Tawil and Dr. David Shen (D’79, GD’81). Both appointments are for three-year renewable terms with Dr. Tawil officially approved by the University of Pennsylvania’s Board of Trustees at its May 2012 meeting and Dr. Shen at the Board’s February 2012 meeting. With their appointments, the School’s Board now has 15 members.

Since 1986, Dr. Tawil has served as Professor in the Department of Periodontology at St. Joseph University School of Dental Medicine in Beirut, Lebanon. He became a member of the St. Joseph University faculty in 1977, having previously taught at Penn Dental Medicine from 1975–1977. In his tenure at St. Joseph, he established the Department of Periodontology, serving as Chair of the Department until 1995, when he also formed the postdoctoral program in periodontology at the school. Dr. Tawil has a periodontics/oral surgery practice in Beirut and two satellite practices in Saudi Arabia and Abu Dhabi. A native of Lebanon, Dr. Tawil earned his dental degree at St. Joseph University and postdoctoral certificates in periodontology, oral surgery, and oral biology at the Institute of Stomatology in Paris. In addition to bringing international business experience and global perspective to his Overseer role, Dr. Tawil will provide opportunities for the School to strengthen its position in the Middle East.

Dr. Shen, an alumnus of Penn Dental Medicine’s DMD and orthodontic programs, is a partner and president of OrthoWorks Dental Group, a full-service provider of orthodontic services. Established in 1983, OrthoWorks has nine offices throughout the San Francisco Bay Area. He has more than 25 years of experience in the exclusive practice of orthodontics and is recognized as one of the most experienced Invisalign doctors in the world, lecturing internationally.

Along with extensive business and clinical experience, Dr. Shen brings strong connections to his fellow Penn Dental Medicine alumni to this role and will help the School strengthen its alumni relationships, especially in California, the state with the fourth largest concentration of Penn Dental Medicine alumni nationwide.

“David and Georges bring great experience and enthusiasm to the Board,” says Penn Dental Medicine’s Morton Amsterdam Dean Denis Kinane. “I am looking forward to working with them.”

Dr. Peter Quinn Receives Outstanding Educator Award from AAOMS

Dr. Peter D. Quinn (D’74, GD’78), the Louis Schoenleber Professor of Oral and Maxillofacial Surgery in Penn Dental Medicine’s Department of Oral and Maxillofacial Surgery and Pharmacology, received the 2011 Donald B. Osbon Award for an Outstanding Educator, presented by the American Association of Oral and Maxillofacial Surgeons (AAOMS).

The Osbon Award is reserved for those individuals who exhibit the highest ideals of an educator, earn the respect of their peers, foster an excellent relationship between their educational program and oral and maxillofacial surgeons in the community, are actively involved in efforts to improve residency and continuing education both locally and nationally, and are respected and admired by current and former students.

Dr. Quinn, a Penn Dental Medicine alumnus who earned his DMD degree from the school and completed his oral and maxillofacial surgery residency here as well, was Chairman of Penn Dental Medicine’s Department of Oral and Maxillofacial Surgery and Pharmacology from 1986 through 2008. Under his leadership, Penn Dental Medicine established its six-year Oral and Maxillofacial Residency Program in which students complete the requirements for their MD degree at the Perelman School of Medicine at the University of Pennsylvania and finish with a two-year certificate in general surgery and a certificate at Penn Dental Medicine in oral and maxillofacial surgery. Dr. Quinn, who holds a MD degree from the Medical College of Pennsylvania, is currently also Vice Dean for Professional Services for Penn’s Perelman School of Medicine and Senior Vice President for Clinical Practices of the University of Pennsylvania for the University of Pennsylvania Health System.
Dr. Thomas Sollecito Appointed to ADA Council on Scientific Affairs

Dr. Thomas Sollecito (D’89, GD’91), Chair and Professor of Oral Medicine at Penn Dental Medicine, has been appointed to the Council on Scientific Affairs (CSA) of the American Dental Association (ADA).

His appointment was effective October 2011 and he will serve a four-year term with the Council.

The CSA consists of 16 members, who are selected and appointed by the ADA Board of Trustees from nominations open to all trustee districts; the current recipient of the ADA’s Gold Medal Award for Excellence in Dental Research also serves on the CSA. All members must be active, life, or retired members in good standing with the ADA.

Serving the public, the dental profession, and other health professions as the primary source of timely, relevant and emerging information on the science of dentistry and promotion of oral health, the CSA provides recommendations to the ADA’s policymaking bodies on scientific issues. The Council also reviews, evaluates, and conducts studies on scientific matters.

The CSA is one of the ADA’s 11 councils and meets three times a year at the ADA headquarters office in Chicago.

Students Named to Matthew Cryer Honor Society

Students from the Class of 2013 have been recognized for their outstanding academic achievements as the newest inductees into the Matthew Cryer Honor Society. Membership in the Cryer Society is the highest scholastic honor conferred to Penn Dental Medicine students. The award is presented to the top 10 highest-ranked DMD candidates in each class at the completion of their second year (as determined by the general order of merit).

(Continued on page 20)
Established in 1912, the Cryer Society honors the legacy of Dr. Matthew Cryer, a distinguished Professor of Oral Surgery, researcher, and clinician. The Society’s main functions are to acknowledge and honor academic achievements, while serving as a body of reference and resource to new students entering the School. This year’s inductees include Alexandra A. DeGeorge, Scott Seung Young Kim, Jason W. Lee, Ji Y. Lim, Sara Kathryn Malenbaum, Jeffrey A. Pace, Riddhiben V. Patel, Matthew S. Ryskalczyk, John J. Schier, and Jeremy D. Wano.

Mariam Naeem (D’15) Awarded Cheung Family World Scholarship

First-year Penn Dental Medicine student Mariam Naeem (D’15) has been selected as a Cheung Family World Scholar. A native of Islamabad, Pakistan, she is committed to returning to her home country after graduation to become a passionate voice for change in the dental field.

“I first developed an interest in dentistry when I shadowed a dentist in Pakistan during the summer before my sophomore year in college. I enjoyed the experience so much that I returned to Penn and started shadowing dentists in the area, as well as faculty at the dental school,” says Naeem, who earned her undergraduate degree at Penn as well. “I noticed a lot of differences in the way that dentistry was practiced here and in Pakistan. The more I learned about the profession in the U.S., the more I was drawn to it with the conviction that I could return home one day and improve on the aspects that were lacking in Pakistan.”

— MARIAM NAEEM (D’15)

“This scholarship came at a very critical point in meeting the challenges I was facing in financing dental school,” says Naeem. “I am honored to be a recipient of this scholarship and equally grateful for the mentorship of Dr. Cheung. Through this, I feel more confident as I seek a platform to implement the changes I hope for.”

Looking ahead, Naeem is focused on using her Penn Dental Medicine education to help implement reforms in the practice and teaching of dentistry in third-world countries like her native Pakistan. “At this point, I am not sure if I want to be a generalist or specialist or pursue public health dentistry, but as I go through dental school, I am exploring all possible options.”

Student Scholarships

This academic year, a number of Penn Dental Medicine students were recognized for their academic achievements and promise with the following scholarships:

ADA/Johnson & Johnson Healthcare Products Preventive Dentistry Scholarships: Presented to 12 predoctoral dental students nationwide who have demonstrated academic excellence in preventive dentistry.

Recipients: Leslie-Anne Fitzpatrick (D’13) and Kajal Patel (D’12).

ADA Foundation Scholarships: Chosen from a national pool of second-year dental students.

Recipients: Erica Damante, (D’14), Nicole Fernandez (D’14), Lamarr Holland (D’14), and Isaac Kuyunov (D’14).

Arthur I. Steinberg Scholarship: Awarded to two first-year Psi Omega fraternity members who exemplify excellence in academics, leadership, and character as embodied by Dr. Arthur I. Steinberg, a Psi Omega member from 1977-present.

Recipients: Lena Cushing (D’14) and Laura Girt (D’14).

New Era Dental Society Scholarship: Awarded by the New Era Dental Society, Philadelphia’s chapter of the National Dental Association, to members of Penn Dental Medicine’s Student National Dental Association.

Recipients: Rachel Callaway (D’13), Rayna Strong (D’13), Michael Aregbesola (D’13), Chioma Nwaneshiudu (D’13), Lesley-Anne Fitzpatrick (D’13), Jemima Louis (D’13), Alison St. Paul (D’12), and Ngozi Okoh (D’12).

New Department Chairs Named to Microbiology, Orthodontics

Penn Dental Medicine has appointed new Chairmen within two academic departments — Microbiology and Orthodontics.

Robert Ricciardi, MA, PhD, has been named Chairman of the Department of Microbiology; his appointment was effective February 1, 2012. Dr. Ricciardi has a long-time affiliation with University’s basic science departments and Penn Dental Medicine. From 1981-1992, while at the Wistar Institute, he served on the faculty of Penn’s Graduate Departments of Microbiology, Genetics, and Biochemistry, and joined
the Penn Dental Medicine faculty in 1992, becoming Professor of Microbiology in 1996. He recently served as Chair of the Microbiology, Virology, Parasitology (MVP) Program of Penn’s Biomedical Graduate Studies. Dr. Ricciardi’s scientific career began with the discovery of a gene-mapping technology while a postdoctoral Fellow at Harvard Medical School. For many years, his laboratory has focused on mechanisms that control gene expression, viral tumorigenesis and immune escape. In particular, his studies have elucidated a major way by which the master regulator of the immune system (NF-kB) is controlled. In the last few years, Dr. Ricciardi’s laboratory has invented a technology and identified a new target for discovering and developing drugs to block viral diseases, including the bioterror threat, smallpox. Dr. Ricciardi’s translational research program is directed at finding cures to combat other human viral diseases.

Named Chairman of the Department of Orthodontics, effective July 1, 2012, is Chun-Hsi Chung, BDS, DMD, MS. Dr. Chung, who became Interim Chair in 2011, also brings a depth of experience with the School and the Department to this leadership role. Having earned his DMD at Penn Dental Medicine in 1986, he completed his postdoctoral training here as well, receiving his certificate in orthodontics and MS in Oral Biology in 1992. Dr. Chung first joined the School’s faculty in 1992, and since 2003, he has been Associate Professor of Orthodontics. Since 2010, he has also served as the Director of the School’s Postdoctoral Orthodontic Program. Active in organized dentistry, he is presently a Director representing the Mid-Atlantic region on the American Board of Orthodontics and serves on the Legal Committee and the Written Examination Committee of the Board as well. He is also a member of the Clinical Examination Committee of The Edward H. Angle Society of Orthodontists – East Component, and serves on the Council on Orthodontic Education with The American Association of Orthodontists.

"Drs. Ricciardi and Chung both bring great skills and experience to these important leadership roles," says Dr. Denis Kinane, Morton Amsterdam Dean of Penn Dental Medicine. "We also express deep appreciation for the valuable contributions of their predecessors — Dr. Gary Cohen, Professor of Microbiology, and Dr. Robert Vanarsdall, Professor of Orthodontics — who served the School as Chairman of their respective departments for many years." Drs. Cohen and Vanarsdall remain active members of the School’s full-time standing faculty.

May 11-13, 2012

We look forward to seeing you at Alumni Weekend 2012. Whether you graduated one, five or 65 years ago, we hope you will come celebrate with us! Visit www.dental.upenn.edu/AW2012 for hotel information and the latest schedule of events.
Scholarly Activity

Awards & Achievements

Dr. George Hajishengallis, Professor, Department of Microbiology
- Recipient of the 2012 IADR Distinguished Scientist Award for Research in Oral Biology, International Association for Dental Research, June 2012.

Dr. Marjorie Jeffcoat, Professor, Department of Periodontics
- Appointed Expert Content Editor Department of Periodontics

Dr. Denis Kinane, Morton Amsterdam Dean, Professor, Department of Pathology and of Periodontics
- Recipient of the 2012 IADR Distinguished Science Award for Basic Research in Periodontal Disease, International Association for Dental Research, June 2012.

Dr. Peter D. Quinn (D’84, GD’y8), Louis Schoenleber Professor of Oral and Maxillofacial Surgery
- Recipient of the 2011 Donald B. Osborn Award for an Outstanding Educator, the American Association of Oral and Maxillofacial Surgeons (AAOMS), 2011.

Dr. Thomas Sollecito (D’B9, GD’y91), Chair and Professor of Oral Medicine
- Appointed to the Council on Scientific Affairs (CSA) of the American Dental Association (ADA), October 2011.

Dr. Eric Stoopler (D’99, GD’02), Associate Professor of Oral Medicine
- Presented “Graft versus host disease: oral medicine considerations” at the Allogeneic Bone Marrow Transplant Grand Rounds, Department of Medicine, Perelman School of Medicine of the University of Pennsylvania, January 2012.

Standing Faculty Promotions

Dr. Faizan Alawi has been promoted to Associate Professor of Pathology, effective July 1, 2012.

Selected Publications

A selection of recently published work by Penn Dental Medicine faculty/researchers (indicated in bold).


Lindemeyer RG. “When Children Grind their Teeth” Dear Doctor-Dentistry and Oral Health. 5(4); 40-45, 2011.


Stoope ET, Sia YW, Kuperstein AS. Do patients with solid organ transplants or breast implants require antibiotic prophylaxis before dental treatment? J Can Dent Assoc. 2012 Jan; 78:15.


Grants
Recently awarded research grants.

Department of Anatomy & Cell Biology
The Role of LRAP in Enamel Mineral Formation
4/1/12-3/31/14
Funding Source: NIH
Principal Investigator: Megan Pugach Gordon, Postdoctoral Fellow, Department of Anatomy & Cell Biology

Aging and novel therapeutic interventions in periodontal disease
1/1/12-8/31/13
Funding Source: NIH
Principal Investigator: George Hajishengallis, Professor, Department of Microbiology

Department of Microbiology
Evaluation of Control Measures Against Infectious Diseases Other Than AIDS
11/1/11-10/31/12
Funding Source: NIH/GSK
Principal Investigator: Gary Cohen, Professor, Department of Microbiology

Oral Pathogen Exploitation of Innate Recognition as a Function of Age
1/1/12-7/28/13
Funding Source: NIH
Principal Investigator: George Hajishengallis, Professor, Department of Microbiology

Pattern Recognition of P. gingivalis Virulence Factors
1/1/12-7/31/13
Funding Source: NIH
Principal Investigator: George Hajishengallis, Professor, Department of Microbiology

Oral immunity and adjuvant receptors
1/1/12-8/31/15
Funding Source: NIH
Principal Investigator: George Hajishengallis, Professor, Department of Microbiology

Osteology Foundation

UNIVERSITY OF PENNSYLVANIA SCHOOL OF DENTAL MEDICINE PRESENTS

The Penn Esthetics Symposium

Biologic Compatibility

in conjunction with the
OSTEOLoGY FOUNDATION

June 14-16, 2012
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The Annenberg Center – Zellerbach Theatre

Penn Dental Medicine

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Dr. David Garber

Dr. Myron Nevins

Dr. Christoph Hammerle

Osteology Foundation
Endo Clinic Renovation Fund
Nearing $2M Goal
The campaign to create a state-of-the-art endodontic clinic at Penn Dental Medicine is nearing its goal as design plans are being finalized for this new space, to be named in honor of Dr. Syngcuk Kim, Louis I. Grossman Professor, as a lasting legacy to his leadership within the Department of Endodontics. As of March 2012, approximately $1.75 million had been raised toward the $2 million needed to make this new facility a reality.

"It is exciting news. We are getting very close to our goal," says Dr. Samuel Kratchman (GD’91), Clinical Associate Professor of Endodontics at Penn Dental Medicine; he and fellow endodontic alumni – Drs. Jung Lim (GD’04) and Brian Lee (D’00, GD’04) – are leading fundraising efforts for the project among the Penn Endo Graduate Alumni Group. "We thank the many alumni and friends who have already contributed to this great project, and I believe the spirit of generosity among our Penn endo alumni will enable us to fully realize our goal."

The endodontic clinic renovation is one of the key projects of Phase 1 of the School’s 10-year Master Plan for facilities improvements. Plans for the clinic will transform the space into a modern clinical environment for optimum patient care and education; expanding into adjoining space, it will feature 23 chairs, two surgical suites, a consultation room, modular operatories with an operating microscope and computer at each chair, and a handicapped-accessible reception room.

"Over the years, many of us who have benefitted from the mentorship of Dr. Kim and the education we received at Penn Dental have expressed an interest in helping to fund this important project," adds Dr. Kratchman. "The moment has arrived, and we are looking to close the gap on this effort."

Generous support of alumni eager to honor Dr. Syngcuk Kim with the naming of the new endodontic clinic in his honor is bringing the campaign close to its funding goal. As of March 2012, approximately $1.75 million has been raised toward the $2 million goal.

The new endodontic clinic will feature 23 dental operatories and two surgical suites.

For more information on supporting the project, contact Maren Gaughan, Associate Dean for Development and Alumni Relations, 215-898-8952, gaughan@dental.upenn.edu.

Omissions from 2010-2011 Honor Roll
In preparing the annual Honor Roll, every effort is made to ensure the accuracy and completeness in recognizing all who have generously supported Penn Dental Medicine. However, we regret that an omission did occur in the Fall 2011 listing within the Penn Dental Journal of "Alumni Donors by Class Year." From the Class of 1944, we extend our sincere thanks to Morton Melman and Nicholas Saccone for their generous contribution during the period of July 1, 2010 to June 30, 2011.

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Reconnecting with Penn Dental Medicine

WHEN I THINK ABOUT OUR GOAL in Alumni Relations, few tell the story better than Dr. Lee Durst (D’83), and it is my great pleasure to share that story with you here. Lee and I first met shortly after my arrival at Penn Dental Medicine in November of 2010 at the Greater NY Dental Meeting. We had a casual first meeting, but Lee was very friendly with a few of our alumni members that I had already met and so we struck up a conversation.

Lee Durst is what I would call a connector. She is an outgoing and thoughtful person who relates to her classmates and community with ease. She is adept at staying in touch with people and has a zeal for life that makes her fun to be around. Lee worked the room at the NY reception and met many other alumni and had a great chat with Dean Denis Kinane.

At that time, Lee was also looking to make some changes in her life. She had recently moved to Center City Philadelphia and changes in her area practice were leading her toward a decision to sell it and move on to other things. The Dean suggested she spend one day a week working in the Penn Dental Medicine Faculty Practices, and she came onboard.

In Lee’s words, “The school opened up its arms and took me in as if I never left.” Soon after, Lee added a second day within the Faculty Practices. It was not long before she made the decision to sell her practice. After phoning the alumni office, Lee listed her practice for sale on our Penn Dental Medicine website. She soon had a buyer, and then, Lee really came home.

As we shared in the Spring 2011 issue of the Penn Dental Journal, Penn Dental Medicine formed a terrific partnership with Penn Nursing to deliver care at the LIFE (Living Independently For Elders) Center in West Philadelphia. Once a week, senior citizens have the opportunity to see a Penn dentist. After friend and fellow alumna Dr. Alisa Kaufman (D’85) got things started, she turned over the leadership role at the LIFE clinic to Lee. At LIFE, Lee sees patients and teaches students.

Lee truly has come home. Nominated to the Alumni Board Executive Committee in 2011, she is all about promotion and furthering the name of Penn Dental Medicine. She is on the development committee and has started her own project as well — the Penn Dental Medicine Supper Club, which met for the first time in March 2012. Always the planner, Lee has connected with classmates to host this quarterly Supper Club, trying new restaurants while providing an opportunity to meet with the Dean and other faculty members and learn about what is new at the school. Lee matches fun with outreach, teaching with working, and cooperation with coordination; she is a real asset to the school.

In the Office of Development and Alumni Relations, we are first and foremost concerned with adding value to the lives of our alumni. If you have ideas, need support, or have wanted to reconnect with Penn Dental Medicine on any level, join us like Lee Durst.

Maren Gaughan
Associate Dean for Development and Alumni Relations
ALUMNI PROFILE:
Three Alumnae Find a Path to Public Health in Rhode Island Clinic

In Pawtucket, R.I., approximately 10 minutes north of Providence, there are three Penn Dental Medicine alumnae pursuing a passion for public health within the same dental care clinic. Situated in a federally designated health-professional shortage area, Drs. Christine Bender (D’08), Lalita Bhattacharya (D’84), and Gloria Hwang-Forzano (D’09) are serving a community in need as key members of Blackstone Valley Community Health Care’s dental care team.

Blackstone Valley Community Health Care is a federally qualified health center, serving Pawtucket, Central Falls, and the surrounding communities. Patients in its dental facility are referred from Blackstone’s two medical offices, which serve approximately 10,000 area residents. A freestanding dental office in downtown Pawtucket, the clinic has 11 operatories, five full-time general dentists, and one part-time oral surgeon.

“We have a modern, well-equipped clinic and are able to provide high-quality care to a community in great need,” says Dr. Bender, adding that the clinic was brand new when she started in 2008 and fully outfitted with digital technology for patient records and radiographs. Dr. Bender came to Blackstone after graduation to fulfill a three-year commitment in “payback” for a three-year National Health Service Corps (NHSC) scholarship she received while at Penn Dental Medicine, and she has decided to stay. In December 2011, Dr. Bender was named Director of Clinical Dentistry with Blackstone, transitioning into the role that since 2007 has been held by another Penn Dental Medicine graduate, Dr. Bhattacharya, who is now Director of Dental Education and Programming.

“It was encouraging to see that there is a field and an area where you can really do your part. There is a huge need in providing just basic primary care like we are doing here.”
—Dr. Hwang-Forzano (D’09)

“After 23 years of private practice in Providence, I came here in 2007 to help expand their dental services as they set up the new Pawtucket clinic,” says Dr. Bhattacharya. “There is a tremendous need for basic dental care and oral health education in the community we serve.” In addition to clinical care and program responsibilities at Blackstone, Dr. Bhattacharya is an Adjunct Professor at Boston University (BU), overseeing the instruction of BU dental students who complete clinical externships at Blackstone. Having been involved in selecting both Drs. Bender and Hwang-Forzano to join Blackstone, she notes with a smile “I may be a bit biased to Penn Dental Medicine.”

Dr. Hwang-Forzano started at Blackstone in May 2011 after completing a general practice residency in Brooklyn, applying to Blackstone to fulfill her two-year NHSC scholarship commitment. She attributes the strong foundation in community oral health she received while at Penn Dental Medicine, and in particular, the guidance of Dr. Joan Gluch, Director of Community Oral Health, in her decision to pursue a NHSC scholarship and her interest in public health.

“It was encouraging to see that there is a field and an area where you can really do your part. There is a huge need in providing just basic primary care.”
—Dr. Hwang-Forzano (D’09)
Dr. Hwang-Forzano, adding that “people can be in public health but also do private dentistry — there are ways to do both,” citing as an example the state of Rhode Island’s Mission of Mercy program in which dentists from all specialties volunteer to provide two days of free dental care. “We can encourage our colleagues in private practice to participate in these types of programs,” adds Dr. Hwang-Forzano. She and Dr. Bender are serving on the planning committee for the Rhode Island Mission of Mercy event.

Looking beyond her NHSC scholarship commitment, Dr. Hwang-Forzano isn’t sure yet whether she will continue in public health full-time as Dr. Bender is doing now, or follow a path that combines private practice with public health work.

Dr. Bhattacharya says, “I started my professional life with a solo practice, but think I am going to end my professional life with a solo practice, thinking of the kids and the work I have done, and the ability to return to the community.”

Dr. Bender says, “I think more dental students should think about public health as a career option.”

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**General Dentistry**

36% of list Penn Dental Alumni & Faculty

- Linda Himmelberger, D79
- Marc A. Levin, D81
- Noelle Ling, D99
- Marc F. Lipkin, D80 GD81
- David O. Maltz, D81 GD81
- Barry E. Melman, D77
- Joseph Stephen Rava, D91
- Hal B. Rosenthaler, D76, faculty
- Larry S. Schlar, D75
- Raj Shah, faculty
- Amy P. Shoumer, D02 GD04
- Jonathan D. Stone, D94

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**Cosmetic Dentistry**

50% of list Penn Dental Alumni & Faculty

- Alan M. Atlas, D86, faculty
- Pamela G. Doray, GED 76 D84, faculty
- David Faust, D87
- Stephen J. Markus, D75
- Jonathan Scharf, D72
- Lawrence A. Schiff, GD81
- Tara Sexton, D88
- Dean Ford Sophoces, D87, faculty

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**Orthodontics**

55% of list Penn Dental Alumni & Faculty

- Paul J. Batastini, GD72, faculty
- Normand S. Boucher, GD82, faculty
- Anthony R. Costa, GD93
- Catherine Footo, Coo D04, GD06, faculty
- Julian D. Freeman, GD71
- Charles Gemmi, GD97
- Peter M. Greco, D79 GD 84, faculty
- Sam S. Kadan, D95, faculty
- Robert M. Kazmierski, faculty
- Kevin J. Klatté, D97
- Harold L. Middelberg, GD88
- William W. Roberts, C72 D77 GD78 Robert Marc Stern, D87
- Janine R. Trindade, D02 GD07
- Orran C. Tuncay, GD74

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**Pediatric Dentistry**

52% of list Penn Dental Alumni & Faculty

- Jeffrey R. Blum, D80, faculty
- Micella Borges-Schocker, D97
- Lennie Cecchini, faculty
- Kimberly Donzdi-Chernom, D88
- Sandra Gryzibicki, D79 D97

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**Endodontics**

58% of list Penn Dental Alumni & Faculty

- Peter Brothman, GD77
- Craig A. Hurt, D89 GD90 GD92
- Alan Kirsch, GD72
- Samuel L. Kratchman, GD01, faculty
- Brian S. Kunz, D76 GD77
- Kenneth Lee, C91 D95 GD 98, faculty
- Michael Stephen Marmo, D95
- GD98, faculty
- Barry R. Rhone, D77 GD80
- Louis E. Rossman, D75 GD77, faculty
- Irwin N. Schoengold, D77
- Susan I. Selberg, D91 GD93
- Martin Trope, GD92 GD93
- Joshua B. Wolgin, D98
- Allen Yang, GD02 D04, faculty

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**Prosthodontics**

69% of list Penn Dental Alumni & Faculty

- Harold S. Baumgarten, D77
- GD82, faculty
- Joseph B. Breitman, D78, faculty
- Elizabeta Evtimovska, faculty
- Howard P. Fraiman, D91 GD93
- GD94, faculty
- Joseph R. Greenberg, D72 GD76, faculty
- Lee R. Carasco, GD02, faculty
- Michael T. Dachowski, D85
- Robert J. Dieckdieu, D88
- Helen Giannakopoulos, faculty
- Amin Kazemi, D96 MG99 GD02
- Anna Kornbrot, D79 GD82, faculty
- Lawrence M. Levin, D87
- GD92, faculty
- E. Steven Muncis, D78 GD83
- Thomas Nordone, GD83
- Allan S. Shaw, D95 GD61
- Keith E. Silverstein, D91 MG94
- GD97 RES 97

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**Oral Medicine**

83% of list Penn Dental Alumni & Faculty

- Martin S. Greenberg, GD68
- HOM 73, faculty
- Joel M. Launderbach, D98
- GD04
- Andres A. Pinto, D99 GD01
- GR07 Oto Mto, faculty
- Thomas Moricenti, D89
- GD91, faculty
- Eric Stoppler, D99 GD02, faculty

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**Oral and Maxillofacial Surgery**

46% of list Penn Dental Alumni & Faculty

- Michael A. Bianchi, GD85
- Lee R. Carrasco, GD02, faculty
- Michael T. Dachowski, D85
- Robert J. Dieckdieu, D88
- Helen Giannakopoulos, faculty
- Amin Kazemi, D96 MG99 GD02
- Anna Kornbrot, D79 GD82, faculty
- Lawrence M. Levin, D87
- GD92, faculty
- E. Steven Muncis, D78 GD83
- Thomas Nordone, GD83
- Allan S. Shaw, D95 GD61
- Keith E. Silverstein, D91 MG94
- GD97 RES 97

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**Philly Mag’s Top Dentists 2012 Listing Names 109 Penn Dental Medicine Alumni, Faculty**

One hundred and nine Penn Dental Medicine alumni and current faculty members were among the Top Dentists named by Philadelphia Magazine in its February 2012 issue — making up nearly 54 percent of the 202 dentists recognized this year. The list was compiled through letters sent to all dentists in Philadelphia and the surrounding seven-county area, requesting nominations of three peers in each dental specialty and amounting to more than 4,400 nominations. The resulting list of approximately 20 top dentists in each specialty, by votes (including all those who were tied), was reviewed by an advisory board made up of nine dentists in various specialties and chosen for their credentials and the high number of votes they received. Those alumni and faculty on Philadelphia Magazine’s 2012 Top Dentists list include:
Alumni Gatherings

**NOW AND LATER: STUDENT ALUMNI NETWORKING EVENT AT THE UNION LEAGUE OF PHILADELPHIA ▶ NOVEMBER 1, 2011**

1. Drs. Melissa Vettraino Bachstein (GD’09), Benedict Bachstein (D’07, GD’08) and Gautam Govitrikar (D’07).

2. Current students Satya Nayak (D’12) and Jorge Paladines (D’12) with alumna Dr. Alisa D. Kauffman (D’85).

3. Drs. William W.M. Cheung (D’81, GD’82), Keith Libou (D’84), Robert Weiner (C’72, D’79) and Judith Zach Bendit (DH’81).

4. Executive Student Council members Krishna Patel (D’12), Rosemary Lelich (C’09, D’14), Michael Berger (D’12), Jeff Li (D’12), Marissa Pereira (D’13), Leslie-Anne Fitzpatrick (D’13), Steven Lin (D’15), and Gabe Strauss (D’14).

5. Drs. Laurence Chacker (D’85), Edward Landau (D’71), Robert Brody (C’80, D’84) with Executive Student Council President, Jeff Li (D’12).

6. Penn Dental Medicine alumnus Dr. Martin Levin (D’72, GD’74), third from left, networking with current students.

7. Class of 2012 students Krishna Patel, Jeff Li and Justin Hanlon with alumnus Dr. David S. Tarica (D’83), second from right.
2nd Annual Overseers Invitational Golf and Tennis Tournament at Turnberry Isle Resort, Miami, Florida January 27-28, 2012

A special thanks to the event sponsors Benco Dental and Henry Schein Inc.

1 Jim Weber of Benco Dental and Drs. Miles Kuttler (D’70), Lawrence Kessler (C’66, D’70) and Syngcuk Kim (HON’92, Chair and Louis I. Grossman Professor of Endodontics).

2 Drs. Howard W. Rosa (D’82) and Mitchell A. Charnas (C’76, D’81).

3 Drs. David S. Tarica (D’83), Elena V. Kurtz (D’04, GD’06), Jonathan Orenstein (Clinical Assistant Professor of Periodontics), and Ed Woehling.

4 Alan Greenfield of Benco Dental, Major General James Monroe, and Drs. Lewis E. Proffitt (D’73, WG’80), and Peter D. Quinn (D’74, GD’78).

5 Drs. Syngcuk Kim (HON’92), Peter D. Quinn (D’74, GD’78), Arnold S. Weisgold (GD’69), and Ed Woehling.

6 Dr. Richard Copell (D’80) and his wife, Fara Copell, right, along with Dr. Lewis Proffitt (D’73, WC’80) and his wife, Marion Proffitt, center.
The Time is Now …The Place is Penn

One of the nonfinancial goals of Making History: The Campaign for Penn has been to grow the number of alumni who support Penn’s commitment to educational excellence through their annual gifts. Please help sustain Penn Dental Medicine’s leadership in the profession by making a gift before June 30, the end of Penn’s fiscal year. Whatever the level of your support, your gift is significant to the School. For your convenience, gifts to the Dental School Annual Giving Fund can be made in several ways:

- **CALL** the Office of Development and Alumni Relations at 215-898-8951 to make a gift by credit card.

- **VISIT** www.dental.upenn.edu/give to make a secure gift online.

- **SEND** your check, made payable to the “Trustees of the University of Pennsylvania” using the enclosed envelope.

- **TRANSFER** appreciated securities for substantial tax benefits. You will receive income tax deduction equal to the fair market value of the stock on the effective date of the gift, while also avoiding capital gains tax on the transfer. For transfer instructions, please contact the Office of the Treasurer at 215-898-754 or gifts@pobox.upenn.edu. This will help to ensure both timely receipt and appropriate allocation of the gift.

For more information, please contact the Office of Development & Alumni Relations at 215-898.8951.

Penn Dental Medicine

Making History

The Campaign for Penn
1930’s

Clement C. Alpert (C’32, D’34) celebrated his 100th birthday on April 23, 2012.

1950’s

Richard A. Dakin (D’59) received a thank you award for 10 years of service on the faculty of the GRD. He was also accepted to membership in the International College of Dentists in 2009.

1970’s

Jay Rossell (D’73) retired from the United States Air force after serving 30 years and retired from patient care in 2008 due to glaucoma. Dr. Rossell is now enjoying retired life and the Texas heat in San Antonio, Texas.

David C. Appleby (D’74) joined the faculty at Penn Dental Medicine in July 2011 after more than three decades at Temple University. Dr. Appleby is now Clinical Professor of Restorative Dentistry in the Department of Preventive and Restorative Sciences and a Professor Emeritus at Temple.


P. Deborah Weisfuse (D’77) is the recent President Elect for the NY State Dental Association. Dr. Weisfuse is also a member of The Board of Directors of The New York County Dental Society. She and her husband, fellow alumnus Robert N. Lipner (D’77), have been working together in their New York City practice since 2006.

Saul Pressner (D’79) has been welcomed as the newest preferred member among NYCHolistic.com’s online community membership of holistic and organic businesses in the New York City area. Dr. Pressner is also on the Board of Directors of the new Academy of Biomimetic Dentistry.

1980’s

Regina M. Wrobel Karoscik (DH’80) has been married 29 years to Stanley J. Karoscik Jr., RPH. The couple has three children, Wesley, Owen, and Chandler. She is employed as RDH by Dr. Nancy Willis DDS in Pediatric Dentistry.

Glenn A. Burgner (D’82) has opened a new office in Dartmouth, Mass. in which his wife, Pat also works. His oldest daughter is in medical school, while his younger daughter is in culinary school. He misses Friday’s at Smokey Joes and encourages visits from his old friends to his new office in Dartmouth.

Walter F. Russo (D’83) shares a message with his fellow classmates regarding their upcoming 30th reunion: “Get ready for 2013 – Be there, no excuses.”

Terry F. Rakowsky (D’86) has announced his intent to run for Penn State University’s Board of Trustees. Prior to attending Penn Dental Medicine, Dr. Rakowsky attended Penn State from 1978 to 1982, where he played football and baseball.

Richard N. Feuer (D’84) completed his quest to drive, hike, and climb to the highest points of all 48 contiguous United States on August 1, 2011. He was the 407th person to achieve this goal.

Michelle Kauffman Sandler (D’87) has relocated to Del Mar, Calif., with her husband Bruce and two sons after 30 years in the Greater Boston area. She and her mother, a Tufts Dental alum, opened a brand new and 100% green and eco-friendly practice in nearby Solana Beach. They are thoroughly enjoying Southern California!

In memory of and in tribute to his classmate and brother-in-law, the late Dr. Joseph Foote, Jr. (D’74, GD’80), Dr. Peter D. Quinn (D’74, GD’78), has established the Joseph Foote Endowed Scholarship Fund. Through the Fund, his goal is to help ensure that the legacy of Dr. Foote’s generous spirit and clinical excellence continues to inspire students for generations to come. The Fund will provide need-based financial aid scholarships for MD students at Penn Dental Medicine. Dr. Quinn hopes to build the Fund to the level that the School can award the first scholarship in memory of Dr. Foote at his class’s 40th reunion in 2014. To help reach that goal, he has committed to match all gifts up to $75,000.

For more information on supporting the Fund, please contact Maren Gaughan, Associate Dean for Development and Alumni Relations (215-898-8952, Gaughan@dental.upenn.edu). Contributions can also be sent directly to Penn Dental Medicine, Office of Development and Alumni Relations, Joseph Foote Endowed Scholarship Fund, 240 S. 40th Street, Philadelphia, PA 19104-6030 (checks payable to Trustees of the University of Pennsylvania).

Dr. Peter D. Quinn (D’74, GD’78) with his sister, Susan Foote, center, his niece, Catherine Foote (C’00, D’04, GD’06), and nephew, Joseph Foote (D’10).
2000's

Ricardo Boyce (D'03) was inducted as a Fellow of the International College of Dentists at its 82nd Annual Convocation in Las Vegas, Nev., on October 10, 2011.

Abhinav Sinha (D'05) is now Director of Pediatric Dentistry at NYU/Northwell Medical Center, and he also has a private practice in Staten Island, NY. He earned his specialty certificate in pediatric dentistry at Long Island Jewish/Shepherd Children's Hospital.

Kjlin Woo (D'08) purchased a new practice in Bloomington, Ind., in 2010.

Rita Y. Chuang (GD'19) began her position as Clinical Director at University of Pennsylvania's Department of Orthodontics in October 2011, where she also serves on the Admissions Committee. She is a Diplomate of the American Board of Orthodontics, and was appointed to the Council on New and Younger Members of the American Board of Orthodontics. Dr. Chuang is a Southern California native and enjoys swimming and badminton. In her spare time, she is interested in mentoring others and is a Big Sib for the Big Brothers and Big Sisters.

1990's

Luis Johnny Fujimoto (D'90, GD'93) has been appointed Chairman of the New York State Board for Dentistry for the New York State Education Department, Albany, N.Y., and Vice President of the Osseo-integration Foundation, Chicago, Ill.

FIND A PENN DENTIST

The School of Dental Medicine has launched the “Find a Penn Dentist” application on the Penn Dental Medicine website. This tool allows potential patients to find Penn Dental Medicine alumni practices in their area and also enables you to search for referral practices based on location or specialty. Opt-in is required. Get counted today at www.dental.upenn.edu/map!

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/classnotes where you can quickly send us your information — we welcome photos as well.

Or, you can send your submissions to:
Robert Schattner Center
University of Pennsylvania School of Dental Medicine
Office of Development and Alumni Relations
240 South 40th Street
Philadelphia, PA 19104-6030
215-898-8951 (p)
alumnifeedback@dental.upenn.edu

Sabrina Magid (D'08) was named by Westchester Magazine as one of the top 22 people to watch in Westchester County, N.Y. in 2012 for her work in meeting the dental needs of the deaf population, being an obstructive sleep apnea and oral cancer screening expert, and a top practitioner in cutting edge technologies in advanced dentistry.
You walked The Walk. Now talk the talk.

Been meaning to connect with Penn alumni? Sign up for QuakerNet today:

- Update your contact information
- Look up friends
- Access PACNet, the Penn Alumni Career Network
- Create an alumni email forwarding account
- Register for alumni events

www.alumnicconnections.com/penn
In Memoriam

William Ankin (D’22)  
Elkins Park, PA, January 1, 2011

Edward M. Goldsborough, Esq. (D’22)  
Philadelphia, PA, January 1, 2011

Morton D. Gottlieb (D’22)  
Pt Pleasant, NJ, January 1, 2011

Oliver W. Harris, Jr. (D’22)  
Union, NJ, January 1, 2011

Siri Singleton Heeb (D’22)  
Jekyll Island, GA, January 1, 2012

Midzuho Kohra (D’22)  
Prefecture, Japan, January 1, 2011

William E. Lawler (D’22)  
Jessup, PA, January 1, 2011

Nelson W. Lockwood (D’22)  
Philadelphia, PA, January 1, 2011

Tokio Miyanaga (D’22)  
Tokyo, Japan, January 1, 2011

Seinosuke Mutow (D’22)  
Tokyo, Japan, January 1, 2011

Tokio Miyanaga (D’22)  
Tokyo, Japan, January 1, 2011

Emily W. Foster (DH’31)  
Lewisberry, PA, December 18, 2001

Valeria S. McDonald (DH’32)  
Liberty, MO, December 21, 1994

Donald R. Johnston (D’34)  
Maplewood, NJ, June 7, 2004

Edna Ross Turney (DH’35)  
Stow, OH, May 11, 2011

Seymour J. Kreshover (D’38, Hon’67)  
Winter Park, FL, January 1, 2011

Grace Worsley Nelson (DH’39)  
Fairfax, VA, October 29, 2011

Edgar J. Goldenthal (D’40)  
Monroe Township, NJ, December 27, 2011

Doris M. Schmeer (DH’40)  
Bethlehem, PA, November 6, 2011

Julia Roberts Yuhas (D’40)  
Ridgewood, NJ, December 28, 2011

Howard D. Dimond (C’37, D’49)  
Mt. Lauderdale, FL, January 8, 2012

Byron E. Kern (D’41)  
Aston, PA, January 12, 2012

Paul L. White (D’41)  
Toms River, NJ, January 1, 2012

Leonard T. Campi (D’43)  
Little Silver, NJ, January 1, 2007

Idella Gorsen Kotler (DH’43)  
Miami, FL, April 25, 2007

Renee N. Nulkowitz (DH’43)  
Wallingford, CT, April 13, 2009

Donald L. Sinclair (D’43, GD’47)  
Fletcher, NC, January 25, 2011

Alan W. David (D’45)  
Pittsford, NY, July 8, 2011

Wanda M. Demko (DH’44)  
Woodbury, CT, January 1, 2002

Betty Stick Enoch (DH’44)  
King of Prussia, PA, December 2, 2011

Everett M. Young (D’44)  
Washington, DC, May 30, 2011

Roger E. Barton (D’45)  
Hendersonville, NC, February 8, 2007

Jean Warfel Gage (DH’46)  
Brewster, MA, November 27, 2011

Mary M. Oberholtzer (DH’46)  
Kingwood, TX, June 13, 2009

Barbara L. Resnick (DH’47)  
Woodbridge, CT, January 1, 2011

Bernard Corn (D’48)  
Springfield, VA, June 15, 2005

Patricia Dunn Cutshall (DH’48)  
Stephens City, VA, January 27, 2012

Walter J. Kent (C’46, D’48)  
Glen Rock, NJ, November 30, 2011

C. Arnold Smith (D’50)  
Springfield, VA, June 15, 2005

Barbara L. Resnick (DH’47)  
Kingwood, TX, June 13, 2009

Norman A. Freeman (C’48, D’54)  
Avon, CT, October 1, 2008

Philip H. Lowell (D’54)  
Scarborough, ME, June 15, 2011

Norman J. Whitehill, Jr. (D’54)  
Denville, NJ, January 1, 2009

Brendan J. Boylan (D’55, GD’57)  
New York, NY, March 31, 2011

Anne Mc Cormack Case (DH’55)  
Avon, OH, December 20, 2010

Paul H. Mathews (GD’56)  
Middleburg, VA, November 6, 2011

Charles Dumas (D’57)  
Westbury, NY, November 6, 2011

Norman J. Whitehill, Jr. (D’54)  
Denville, NJ, January 1, 2009

Brendan J. Boylan (D’55, GD’57)  
New York, NY, March 31, 2011

Anne Mc Cormack Case (DH’55)  
Avon, OH, December 20, 2010

Charles Dumas (D’57)  
Westbury, NY, November 6, 2011

Paul A. Kaye (D’57)  
Beverly Hills, CA, June 2, 2011

John S. Lindsay (D’57)  
Phenix City, AL, February 5, 2003

Maija G. Ozols (D’57)  
Villanova, PA, June 24, 2010

G. Robert Bonsignore (C’56, D’58)  
Gulf Breeze, FL, June 29, 2011

Patrick J. Mulligan (GD’67)  
Colorado Springs, CO, June 29, 2011

Michael E. Kushin (D’64)  
Langhorne, PA, January 1, 2010
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Join us for Alumni Weekend 2012, May 11-13, 2012!

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May 5, 2012
American Association of Orthodontics
Penn Dental Medicine Reception
Honolulu, HI

May 8, 2012
Senior Farewell 2012
Philadelphia, PA

May 11-13, 2012
Alumni Weekend 2012
Reunions for classes ending in “2” and “7”
Philadelphia, PA

May 14, 2012
Class of 2012 Commencement
Irvine Auditorium
Philadelphia, PA

June 14, 2012
Penn Dental Hygiene Alumni Dinner
Phoenix, AZ

June 14-16, 2012
Penn Dental Medicine Esthetics Symposium
Annenberg Center, Zellerbach Theatre
Philadelphia, PA

August 20, 2012
Class of 2016 White Coat Ceremony
Annenberg Center, Zellerbach Theatre
Philadelphia, PA

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

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