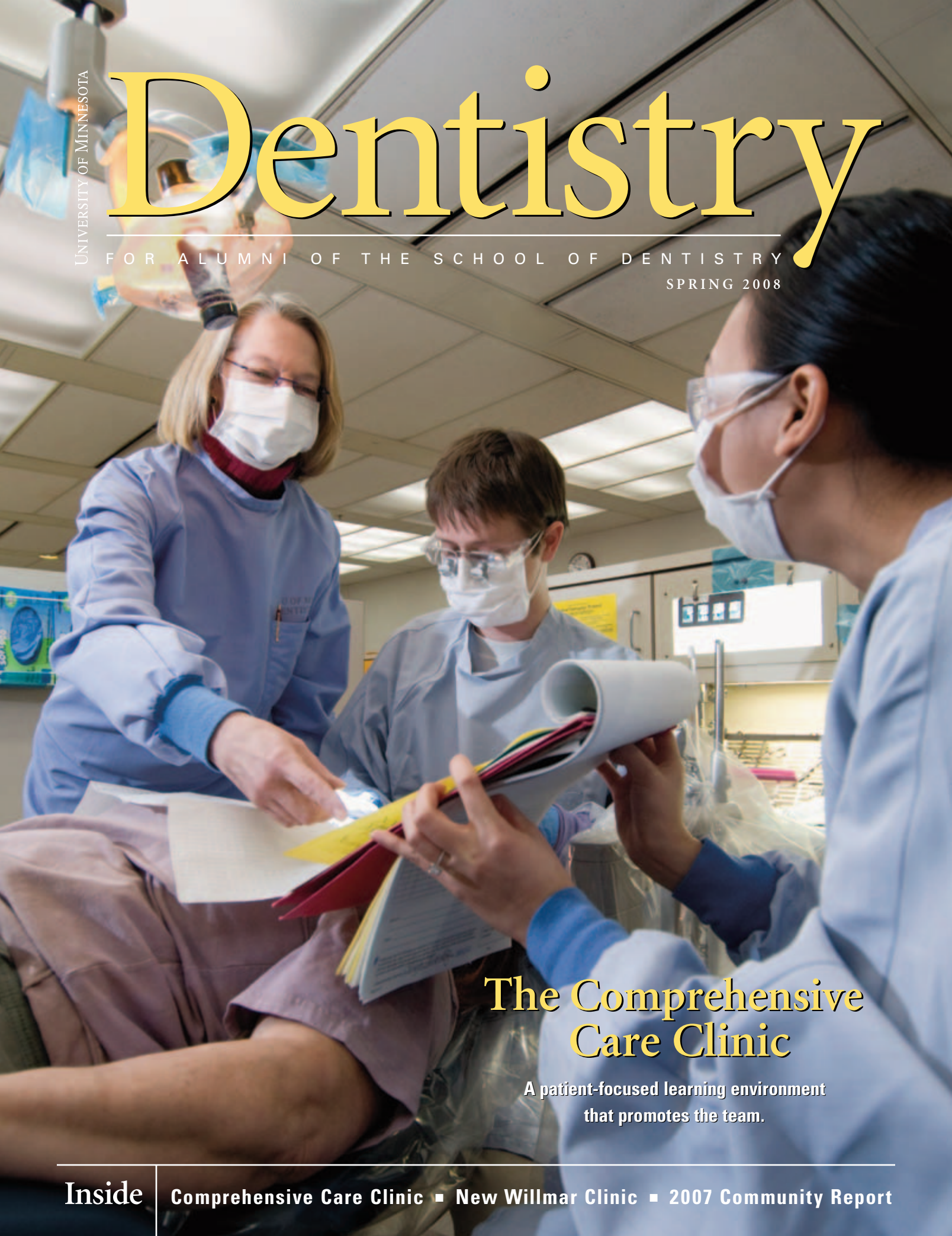


UNIVERSITY OF MINNESOTA

# Dentistry

FOR ALUMNI OF THE SCHOOL OF DENTISTRY  
SPRING 2008



## The Comprehensive Care Clinic

A patient-focused learning environment that promotes the team.

Inside

Comprehensive Care Clinic ■ New Willmar Clinic ■ 2007 Community Report



# from the Dean

PHOTO BY RICHARD ANDERSON

## Dear Colleagues,

I can hardly wait to hear your reaction after you've read the feature articles in this issue of *Dentistry Magazine*. We've asked students and faculty to tell the stories of recent changes in our dental and dental hygiene clinical programs. Two phrases best describe the emphasis of the articles—integrated training and community-based education. Supported by some great photos, the stories provide personal glimpses into the unique learning and patient care experiences that have been created to enhance educational opportunities for our students, address the dental access challenges of underserved communities, and to make a difference in the lives of our patients.

We lead with a report on how our dental and dental hygiene students are learning and caring for patients “together.” Thanks to our forward-thinking faculty and the eagerness of our students to embrace new opportunities, our dental and dental hygiene programs are finding new ways to work together to educate students. In our patient clinics, dental and dental hygiene professionals-in-training learn side-by-side, referring patients back and forth and sharing information and personal experiences. Dental hygiene and dental students also take courses together. In classrooms and clinics, they learn together so that when they transition into private practice, they'll understand and appreciate each others' skills and continue to find ways to work as a team in the best oral health interests of their patients.

Our second feature article describes our newest community-based education program in Willmar, Minnesota. Like the clinical rotation we offer our students in Hibbing, this initiative exposes students to the unique professional and personal dynamics of practice in greater Minnesota. Here, too, we find our dental

hygiene and dental students caring for patients and learning as a team. I hope you're as impressed as I was with our students' comments about the many reasons this outreach rotation is something very special to them.

Our third article is an exciting one. For the first time, School of Dentistry researchers have been awarded a grant by the Academic Health Center's Translational Research Grants Program and a novel approach to anti-HIV therapy is being investigated.

Later in the magazine you'll read about this year's outstanding dental and dental hygiene alumni awardees: Chris Blue for dental hygiene and Tom Sitzer for dentistry. Their contributions have been significant. I encourage you to help celebrate those accomplishments by attending our annual Dean's Reception to be held, this year, on Thursday, April 10. (Yes, this year's celebration is on *Thursday* evening, instead of our traditional Friday evening event. So, please make a note on your calendar.) Loren Tapel, this year's president of the School of Dentistry Alumni Association, will be making the presentations. I'm sure both award winners would love to see you there and that you'll enjoy hearing what they have to say about this special honor. It'll be a moment to remember for us all.

I also encourage you to read attentively the *People* and *Class Notes* sections of the magazine. We always include these updates to help you keep in touch with news from your classmates and friends and learn about the amazing things our students, faculty, and alumni are doing—achievements and accomplishments that make us all proud to be a University of Minnesota School of Dentistry alum. There's also news about our new faculty hires. We're bringing-on people from around the world who have talents and ideas that are helping us get ready for the many challenges and opportunities that tomorrow's world has in store.

Finally, I hope you're as impressed as I was when I saw the number of names listed in the donor section of the magazine. Columns of benefactors—faculty, alumni, friends and partners of the School of Dentistry—fill page after page. These record numbers of contributors demonstrate our success in connecting and re-connecting with people who recognize the importance of their role in making our school an even better place to care for patients and educate students.

Enjoy your reading, and I'll be waiting to hear your reactions.

Sincerely,

**PATRICK M. LLOYD**  
Dean

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PHOTO BY SCOTT STREBLE



PHOTO BY SCOTT STREBLE

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# News Bites

## The School of Dentistry Loses a Dear Friend



PHOTO BY RICHARD ANDERSON

Erwin Schaffer, dean emeritus of the School of Dentistry from 1964 to 1977, passed away early in the morning on December 25, 2007. He was 85 years old.

Schaffer served the University of Minnesota, its School of Dentistry, and the dental profession in the nation and the world for more than 60 years. A visionary leader and the school's most accomplished statesman, he pioneered advances in dental education and research, guided the school through its most pivotal years, and left a 19-story legacy.

Schaffer received a doctor of dental surgery degree in 1945 and a master's of science degree in periodontology in 1951, both from the University of Minnesota. He served in the Marine Corps in the mid-1950s and, during that time, was the first periodontist in the world to graft cartilage to the jaw. He is one of the founders of modern scientific, evidence-based periodontology, with over 100 articles published in scientific journals, most on the topic of periodontal regeneration. A diplomate of the American Board of Periodontology, he helped guide the development of the profession at the national level through service as a director of the American Board of Periodontology (1964-1970) and as president of the American

Academy of Periodontology (AAP) in 1972. In 1974, he received an award for outstanding contributions to periodontology from the American Dental Education Association's William J. Gies Foundation for the Advancement of Dentistry. He was also honored by the AAP with a Fellowship Award (1977), Clinical Research Award (1988), and its prestigious Gold Medal Award in 1990.

Yet among the many accomplishments in his remarkable career, Schaffer's work at the University of Minnesota School of Dentistry leaves a particularly lasting legacy. He was a faculty member and department chair. In 1964, he was a member of the search committee to find a new permanent dean for the school. While away from the school lecturing in Willmar, the committee met and suggested his name as a candidate. Persuaded to accept the appointment, he served ably from 1964 to 1977 and his time as dean was, perhaps, the most transformational in the history of the school. Although always quick to credit others, it was his forward-thinking vision, personal and political skills, and endless enthusiasm for and commitment to the University and its School of Dentistry that resulted in the necessary funding from the legislature and private sources to build a new

dental school and 19-story health sciences facility in 1975, now called Moos Tower.

During his tenure as dean, the School of Dentistry consistently ranked first or second in the nation for federally funded research money. He created a dozen new programs—including programs in human oral genetics, management of cleft palate and maxillofacial deformities, health ecology, auxiliary education, self-teaching methods, practice management, and oral biology—and tripled the number of full-time faculty. He established the School of Dentistry's Century Club, a model for University fundraising, and was personally responsible for raising millions of dollars to support dental school initiatives, including the school's new \$11.3 million Simulation Clinic.

In 1987, the School of Dentistry established the Erwin Schaffer Chair in Periodontal Research in his honor. Officially retired in 1991, he continued teaching until 2006.

Schaffer was an avid outdoorsman and, at age 70, won a silver medal in Nastar downhill ski racing, taking out the finish line fencing in the process. In April, 2007, he received the Distinguished Dental Alumnus Award in recognition of a lifetime of outstanding service to the University of Minnesota School of Dentistry. This fall, he was also honored by the University of Minnesota Board of Regents with the University's Outstanding Achievement Award. It is the second highest award offered by the University, second only to the Honorary Doctorate.

Memorials preferred to the Kersten Cleft Palate Clinic or the Graduate Periodontal Research and Education Fund, both at the University of Minnesota School of Dentistry, c/o Development Office, 15-136 Moos Tower, 515 Delaware St. S.E., Minneapolis, MN 55455. For more information, go to: [www.umn.edu](http://www.umn.edu).

*The School of Dentistry will celebrate the life of Erwin Schaffer at a service on Friday, April 25 at 4:30 p.m. at the Radisson University Hotel.*

## Search Virtual Technology Advancements?



### Simulation Clinic Featured in University of Minnesota Advertising Campaign

It's a rare occasion when a Big Ten University singles out its dental school as one of the "mind-blowing pursuits" taking place on campus. But that's what happened when the University of Minnesota rolled-out its award-winning TV advertising campaign aimed at heightening awareness of the institution's drive to discover new ways to teach, learn, research and serve. First to star in the U-M's 2007-08 series of "Driven to Discover™" ads: The dental school's new virtual reality-based Simulation Clinic.

Minneapolis-based Olson Agency developed the innovative "Driven to Discover" brand. The campaign has a unique "search bar" look and messages for billboards, print ads, and television and radio spots. The agency and its 35-person film crew spent nine hours at the dental school last August filming the 45-second TV ad.

"I'll never watch another ad without realizing the amount of work that goes into creating it," says Patrick Lloyd, dean of the School of Dentistry and the on-air spokesperson in the advertisement. Third-year dental student Rania Habib had a speaking role, and 16 dental students took direction as "extras" working on



Third-year dental student Rania Habib appeared in the "Driven to Discover" television ad.

the advanced simulation equipment.

Over the course of the six-month campaign, 80 percent of the state's viewing audience was introduced to the unmatched educational benefits of learning and teaching with patient simulation technology at the University of Minnesota School of Dentistry.

The new teaching facility has also captured the imagination of dental schools from across the country. Since December, faculty teams from five U.S. dental schools have visited, as have simulation technology experts attending the annual meeting of the U.S. Advanced Simulation Consortium, which met on campus in February. They came from as far away as Israel, Germany and Malaysia to tour the facility and learn about the design, layout, equipment and utilization.

The next step: The dental school will be developing technology that provides students state-of-the-art learning experiences by working on holograms. So, when it comes to discovering new ways to teach, learn, discover and serve, the search continues.

### New Master's Degree in Dental Hygiene Program

Until now, the opportunity to pursue advanced education in dental hygiene has not been available in Minnesota or in the Midwest.

In December, 2007, the University of Minnesota created a new Master's of Dental Hygiene Program to prepare leaders in the profession for practice, research, the health care industry and academia. The new two-track program is set to begin in June, 2008.

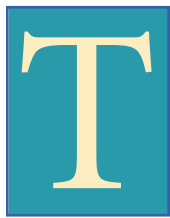
The *management track* will be offered in collaboration with the University's Carlson School of Management and will include a supervised internship in leading health care organizations; the *education track* will prepare dental hygienists for administrative and teaching roles. For more information, go to: [www.dentistry.umn.edu](http://www.dentistry.umn.edu).



# The Comprehensive Care Clinic

A patient-focused learning environment that promotes the team.

BY TERRI PETERSON SMITH



Traditionally, the clinical curriculum at most dental schools was student-focused and discipline-based.

Students spent their last two years of dental school on rotations through various clinics to learn specific procedures from discipline-oriented faculty. For patients needing several dental procedures, it meant that treatment was often provided by more than one student and in more than one of the dental school's on-campus clinics. For students, the approach left them with excellent technical skills, but their experience in patient care was fragmented.

Now the educational experience has changed. In a re-envisioned approach to dental education, the School of Dentistry restructured its clinical program for both dental and dental hygiene students and created a Comprehensive Care Clinic. Here, students learn in a patient-focused environment that more closely resembles that of a general dental practice in which one dentist provides the full range of

dental services to each patient. While the shift from segmented patient care to a comprehensive educational and patient care experience is not entirely new at the School of Dentistry or in U.S. dental schools, the University of Minnesota is unique in its application.

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**“Our interaction with the third- and fourth-year students is really what makes this experience worthwhile and I'd like to think they gain just as much from the mentoring roles they have assumed.”**

— JAMIE EVAVOLD, SECOND-YEAR DENTAL STUDENT

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The School of Dentistry's new clinical teaching model is particularly remarkable because it includes all of the key “players” on the dental team. Patients are now assigned to one of eight patient care

groups, named by color, that function as small general practices. Each group consists of a faculty group leader, a patient care coordinator, a staff dental assistant, six dental hygiene students, and about 25 third- and fourth-year dental students. In addition, each group includes two internationally trained dentists from the school's Program for Advanced Standing Students (PASS). In January, 2008, second-year dental students were assigned to the groups.

Associate Dean of Clinical Affairs Robert Hirsch compares the traditional approach with the new comprehensive care model. “Previously, students left dental school with good hand skills, but a segmented experience when it comes to providing the full range of patient evaluation, diagnostic, prevention and treatment services. They were also missing much of the practice management skill that is 50 percent of the job. Now, students learn in the comprehensive care environment of the general dental practice they'll encounter after graduation. That gives our students a leg up in practice management and enhances their education and overall patient care.” ☺

◀ When students graduate or leave campus to treat patients at one of the dental school's seven outreach sites, the group leader is the “constant” for both the group and for patients. (L to R): Third-year dental student Katie Vo, sophomore dental hygiene student Paige Christiansen, and Green Group Leader Richard Nadeau.

## New Players on the Team

Patient care coordinators are an integral part of this new team, serving as the face of the dental office, just like a clinic or private practice receptionist. They also serve a critical role in managing the assignment of patients to students in a way that allows every student to become competent in providing the full range of dental services.

“Patient care coordinators greet patients, answer the phone, and schedule appointments,” says Kathy Hughes, supervisor of the patient coordinators. “They keep the students’ schedules filled efficiently, which maximizes students’ time with patients while it minimizes the length of time patients must wait for appointments. Patient care coordinators are the first to welcome patients to the practice and to give the patient a sense of belonging to that particular team, a person they can always call if problems arise.

of Dental Hygiene. “Before, dentists and dental hygienists were educated in isolation. But in a general dental practice, they work closely together as a team. We’re now educating them together so they can understand and appreciate each other’s expertise.”

In addition, the new teaching model recognizes the hygienist’s role as the dentist’s collaborator, on the forefront of patient care. Associate Professor James Gambucci, director of the Comprehensive Care Clinic and leader of the Maroon Group, says, “We engage dental hygiene students in conversation and ask ‘What did you see here?’” In the dental school clinics, senior hygienists often act as teaching assistants for second-year dental students.

From the hygienist’s perspective, says Blue, talking with the dentist about treatment planning and discussing cases with the team is critical to understanding the

extension of their patient education role. The outcome of the new comprehensive care teaching model will be that the team works more efficiently and effectively, and that means better care for the patient.”

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**“It’s in the clinic where students learn about the subtleties of patient interaction, the non-dental issues that are part of patient care and treatment.”**

— JAMES GAMBUCCI, DIRECTOR OF  
THE COMPREHENSIVE CARE CLINIC  
AND MAROON GROUP LEADER

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Says senior dental hygiene student Nicole Kluempke, “Learning how dental students communicate, work with assistants, and how they explain procedures helps me understand their world as dental professionals. On the other hand, dental students learn what dental hygiene is about. They can grasp that our job is about more than just ‘cleaning teeth.’ It’s about forming a relationship with the patient to increase oral hygiene care and preventative practices.”

All of this demonstrates the quality and sophistication of the dental hygiene program at the University of Minnesota School of Dentistry, says Dean Patrick Lloyd. “This is the only dental hygiene program in Minnesota that grants a baccalaureate degree and is affiliated with a dental school. Dentists need to know what hygienists do, respect the discipline, and know how to work together. Educating dentists without dental hygienists is like educating physicians without nurses.”

## Learning From Each Other

Finally, junior and sophomore dental students round out the team. Fourth-year dental student Nick Bakkum emphasizes the importance of these new faces in the clinic. “I think one of the major benefits to the new Comprehensive Care Clinic groups is that third- and fourth-year student dentists are now in the clinics together,” he says. “I believe this allows the junior students a chance to observe how the seniors interact with their patients, and gives them an opportunity



PHOTO BY SCOTT STREBLE

Dental hygiene faculty member Kim Johnson (L) and sophomore dental hygiene student Mickensi Danielson.

Making this a better place for students and patients, that’s everyone’s goal.”

Dental hygiene students, too, are an important part of the new group practice model. “It’s pretty hard to find a dental office these days that doesn’t have a hygienist as part of the team,” says Christine Blue, director of the Division

myriad dental procedures that occur in practice. “We had feedback from our dental hygiene graduates that patients often had additional questions about a procedure after the dentist left the exam room. A more in-depth understanding of procedures helps when answering questions or reviewing procedures. It’s an



to ask questions about clinic protocols and administrative paperwork.”

That’s a learning experience that’s valued by all students. Says dental hygiene student Kluempke, “Working together, we learn from each other and improve our skills.”

For second-year dental students, the opportunity is equally meaningful. Under the new educational model, their transition into patient care experiences occurs during the last semester of their second year of dental school, a full semester earlier than in previous years. They work in patient clinics as chairside dental assistants and provide dental prophylaxis (teeth cleaning) for patients with less complex health histories and dental needs.

“They’re only allowed to assist and perform prophys,” says Bakkum, “but this is great because it allows them to become more acclimated to the group clinics before seeing patients of their own.”

“Assisting is a great way to transition into the clinics,” says second-year dental student Jamie Evavold. “It allows you to become comfortable with the clinic as a space—where the different clinics are actually located, clean versus dirty dispensing, accounting, patient admission, radiology, and so on. A huge benefit is learning the sequence of different appointments, observing the faculty interaction, and specialty consultations. And then being able to put all of these experiences into practice when we have our own patients in perio recall appointments has been an excellent learning experience.”

Evavold believes the confidence gained through this introduction to patient care sets the stage for a more comfortable transition into the clinical years of her dental education program which are spent treating patients. “I can’t speak for everyone, but I was extremely nervous when I first entered the clinic. It’s the first real patient interaction we have. You can simulate the experience a number of times, but it’s not until you have true patient interaction that all of the pieces fall into place.”

She says, “Our interaction with the third- and fourth-year students is really what makes this experience worthwhile and I’d like to think they gain just as much from the mentoring roles they have assumed. We soak up as much as they

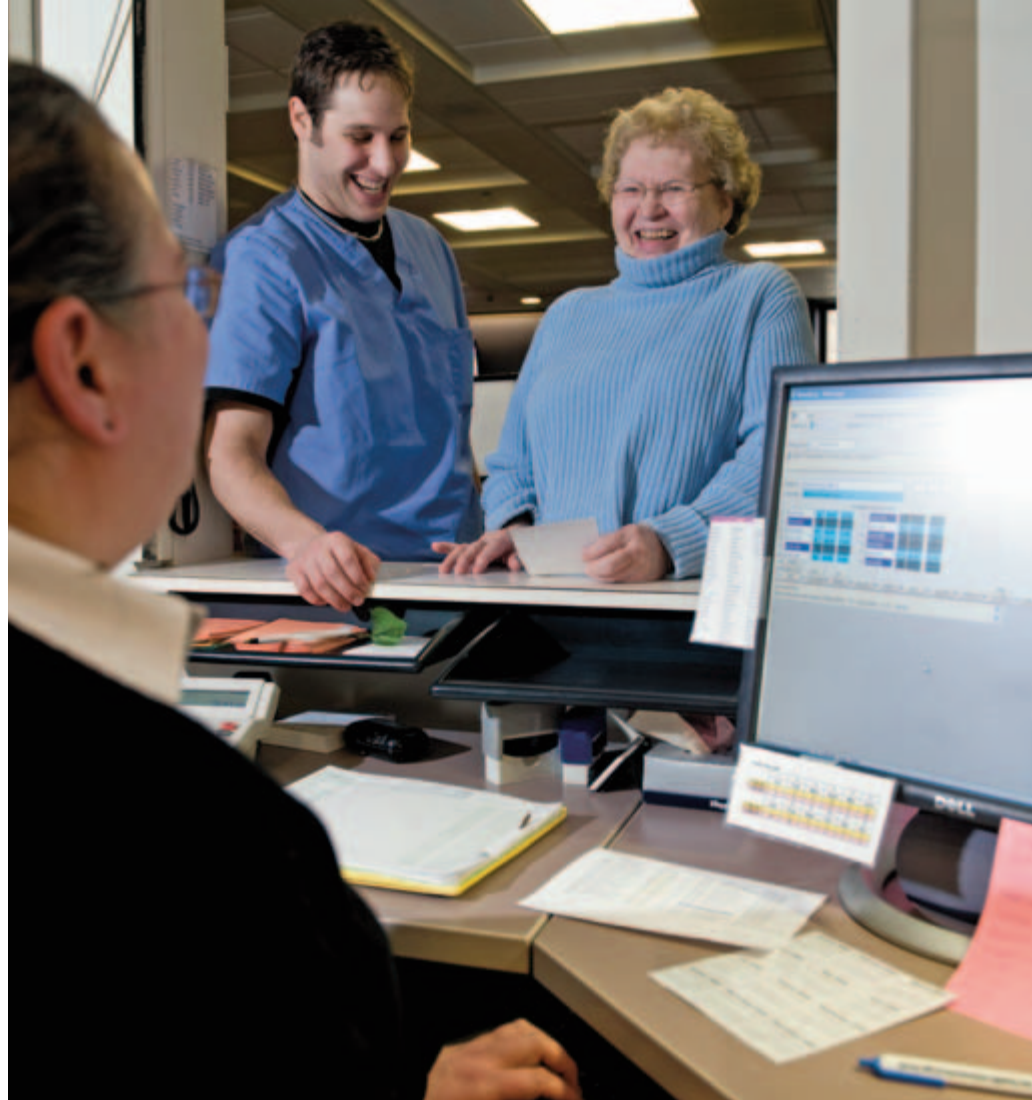


PHOTO BY SCOTT STREBLE

A Blue Group patient schedules a follow-up appointment with members of her clinic team, Patient Care Coordinator Wendy Bowlds (L) and third-year dental student Mike Miskovich.

have to offer. It can be simple things like where to find the composite resin restorative materials at dispensing, or it can be advice on how to handle complex treatment plans. What I love to learn are the tips that can’t always be taught or learned in the pre-clinic, the advice that comes from personal experience, both successes and failures.”

### Leader of the Pack

Says Gambucci, “Patients have always received excellent care here. And we have educational programs in six dental specialty areas, so they have access to some of the best specialists in the world. But before we transitioned to a comprehensive care model, the clinic experience was different.” Until now, there was no mechanism whereby the same faculty member oversaw all treatment.

Now, like the coach of a sports team, each of the eight group leaders serves as

a point of continuity, responsible for patient management as well as academic oversight. Says third-year dental student Ellen Dufresne, “As a student, it’s really helpful to work with the same instructors on a regular basis. They get to know us and our abilities better than if we switched instructors frequently. They can also better understand our weaknesses and strengths in terms of patient care and help us accordingly.”

“I really do appreciate always having one instructor at the school who knows what is going on with my patients and who can sit down and discuss their treatment. I learn much more from this relationship than I would if I were working with multiple instructors all the time, trying to track them down when I have questions. In addition, it makes it easier for students to get an idea of what the instructors they work with expect from them in clinic.” ☺

Patients also benefit because they are assigned to a group and stay with that group. No matter what the treatment plan requires, “we create the roadmap,” says Gambucci. One important new experience students pick up is learning about when it’s appropriate to make referrals. “Even if we refer patients to other specialty clinics,” he says, “we create the [treatment] plan and oversee their care. We’re driving the bus.”

Says Dufresne, “Patients really like coming back to the same place and seeing the same instructors working with us each time.”

Of course, senior students from each group come and go much more than they used to, making consistent team leadership all the more important. Students now spend up to two months treating patients in community-based service-learning

[clinic] model enhances continuity of care because the group leader and other group students who are familiar with the patient can step in to provide that care.” Even after a student caregiver graduates, patients return to the same group and a familiar group leader. That builds the patient’s confidence in the group and in the long-term quality of care.

But, beyond management and supervision, group leaders play a more subtle, and perhaps more critical part; they are the ultimate role models. Says Gambucci, “It’s in the clinic that students learn about the subtleties of patient interaction, the non-dental issues that are part of patient care and treatment. Students are always watching us and observing how we talk to patients. The relationship between a dentist and patient is an intimate one. We’re close to the face of a patient who

medication, mental health, social support and other issues. After the patient’s visit, we discuss why I handled one patient one way and another patient differently. Teaching and learning in a comprehensive care model allows group

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**“You saw not Mrs. Jones the patient, but Mrs. Jones the source of three amalgam restorations.”**

— ROBERT HIRSCH, ASSOCIATE DEAN OF CLINICAL AFFAIRS

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leaders to more efficiently teach that part. It provides an opportunity to take what students are seeing and broaden the discussion to include similar cases and situations.” He weaves in anecdotes and experiences from his own private practice. Says Gambucci, “Students are engaged. They learn from dialogue, and from our stories.”

### Patients Versus Procedures

Make no mistake; students must still fulfill technical requirements. But while the traditional approach to evaluating student progress focused on a quantitative accounting of the number of procedures performed, the focus under the comprehensive care model is on gaining competency. The result is a better experience for both students and patients. Says Hirsch, “With the requirement-based system, there was a laundry list of procedures students had to fulfill to graduate. For example, a student might have to complete 100 amalgams and 50 composite restorations. So, the problem was that you weren’t as focused on the care of the patient as on completing the requirements. You saw not Mrs. Jones the patient, but Mrs. Jones the source of three amalgam restorations.”

Gambucci elaborates: “Even though the current curriculum is no longer requirement-based, a broad range of clinical experience is still necessary for students to achieve and demonstrate competence across all of the disciplines that make up the practice of general dentistry. Patient care coordinators play a huge role in assigning patients to



In the Comprehensive Care Clinic, discussions about treatment plans involve all members of the group. (L to R): Senior dental hygiene student Molly Klinger, Associate Professor Lisa James, and Zach Hazelton, fourth-year dental student.

experiences. They travel the state in a mobile dental office, treat patients at two Twin Cities’ inner-city clinics and at a senior citizen health center. They also do rotations at community clinics in Willmar and Hibbing, and study in other countries. So, says Richard Nadeau, leader of the Green Group, “As the students do more outreach outside the school and in foreign exchange programs, the new

is awake and alert. Patients have to feel comfortable with their dentist—It’s a dramatic responsibility.”

He says, “We expect technical excellence, that’s a given, but it’s not just about how we treat teeth. Two patients with the same oral condition might have very different treatment plans based on non-dental issues such as medical history, financial resources, combinations of

students in a manner that ensures this broad experience, and each of the clinical disciplines—operative dentistry, prosthodontics, periodontics, and so on—still require extensive experience and a high level of performance as a precondition for students to sit for their clinical competency exams.

“Students who achieve this level of performance are able to sit for their competency exams sooner than those who require more time,” says Gambucci. “The system as it now exists allows us to move students along at a pace consistent with their performance. Comprehensive care—that is, one student providing all necessary care to each patient assigned to them—has always been the ideal.”

And, when the emphasis shifts to comprehensive care, students begin to work together the way they will, ideally, when they practice in a private dental office. Says hygiene student Kluempke, “If an exam needs to be completed, a dental student can jump in during the hygiene appointment. We can help each other with finishing requirements more easily.”

### Behind the Scenes

The shift to a focus on providing comprehensive care is part of a trend in dental education. The school’s implementation of a comprehensive care experience began in 2001 under the direction of Assistant Professor Dan Skaar (Department of Developmental and Surgical Sciences) with a focus on fourth-year dental students, and it has been evolving since then.

When Robert Hirsch arrived in September of 2005 and took the helm as associate dean of clinical affairs, he launched a committee composed of faculty and staff to refine the comprehensive clinic model for all students. Hirsch had instituted this model twice before, at Case Western Reserve School of Dental Medicine and Nova Southeastern University in Ft. Lauderdale, Florida. Under the leadership of Rich Nadeau, that committee’s goal was to create a clinical education model to maximize the student learning experience, provide continuity of care for patients during the time dental students are out of the building on outreach rotations, and to efficiently utilize full time faculty.



PHOTO BY SCOTT STREBLE

Learning together provides opportunities for both personal and professional connections. (L to R): Britny Gonser, sophomore dental hygiene student, and Susan (Eburn) Isawumi, senior UMN-PASS student.

“We didn’t start from scratch,” Hirsch says, “We’re building from what was established here already. We’re ever trying to evolve and refine.”

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**“This is the only dental hygiene program in Minnesota that grants a baccalaureate degree and is affiliated with a dental school. Dentists need to know what hygienists do, respect the discipline, and know how to work together. Educating dentists without dental hygienists is like educating physicians without nurses.”**

— DEAN PATRICK LLOYD

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Restructuring the clinical education experience has meant a lot of change for faculty, too. For example, dental hygiene and dental faculty now share the teaching responsibilities for all students in their clinic group. The dental hygiene academic year was extended from a nine-month

to a year-round program to coincide with the dental students’ academic calendar and allow both groups of professionals-in-training to learn together in classrooms and clinics. Although dental and dental hygiene students were already taking four courses together—radiology, periodontology, histology and embryology, and pediatric dentistry—now they also take practice management together. The course encourages open discussion on topics such as philosophy of practice, patient management, quality assurance, practice management models, utilization of allied dental personnel, new workforce models and interviewing skills.

Though changing the clinical teaching model has been a considerable effort, by all accounts, the new model has exceeded expectations. “There has been wonderful student-to-student interaction,” says Nadeau.

“This structure is the best I’ve seen,” says Gambucci.

Blue adds, “The thing that has emerged that impresses me the most is how happy students are. They want to be there. You get a real sense of the team and interaction with faculty. Students get to know each other, collaborate to meet requirements and ask each other questions. There’s a level of energy and enthusiasm I’ve never seen before.” ☉

# Win-Win in Willmar

Rice Regional Dental Clinic connects enthusiastic students with underserved patients in rural community.

BY MARY HOFF

Everybody likes to feel needed. Matt Sievers probably has never felt as needed as he did during the four weeks he spent in Willmar, Minnesota, last January.

A fourth-year dental student from Duluth, Sievers was among the first to complete a senior rotation at the new Rice Regional Dental Clinic, which opened in December in Rice Memorial Hospital. The clinic is owned by the hospital but staffed by University of Minnesota students under faculty supervision. It provides much-needed dental care on a sliding fee schedule to uninsured and low-income residents of 12 counties in south-central Minnesota—8 of which have been identified by the federal government as lacking adequate access to dental care.

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**“Our phones have been constantly ringing. It’s been busy since day one.”**

— ROBERT ERICKSON, DIRECTOR OF RICE REGIONAL DENTAL CENTER

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“It was amazing to see the level of dental need there was in the rural communities,” Sievers says. “There was rampant decay, lots and lots of dental needs. It was really great to be caring for these patients...It was very fulfilling.”

Over the course of his Willmar rotation, Sievers had the opportunity to perform a full range of procedures, including infant exams, extractions, composites, and amalgams. Thanks to his efforts and those of the other dental and dental hygiene students, hundreds of area residents who were desperately in need of dental care now are able to chew, smile, and enjoy a life free of problems that have

plagued them for months, and in some instances, years.

“It’s just a really cool combination of things that came together—the University, the hospital, the area dentists, and of course many, many contributions from foundations and [others],” says Rice Regional Dental Clinic Advisory Committee Chair Mike Gardner, a School of Dentistry alum (’80) and Willmar dentist who serves as a community connection for the effort. “They’re treating a lot of people who have been long needing dental care...It’s done a tremendous amount of good.”

## Working Together

Access to dental care is a challenge in many parts of the state, and especially in rural Minnesota. So Paul Schulz, director of outreach for the School of Dentistry, was not too surprised when Lorry Massa, CEO of city-owned Rice Memorial Hospital in Willmar, approached the dental school in 2005 for help finding a way to meet the burgeoning dental needs in the area.

“[He] said, ‘We’ve got all these underserved patients out here, a lot on public programs or uninsured, who are having a hard time accessing dental care. Could we possibly look at working together to help solve that issue?’” Schulz recalls.

Dean Patrick Lloyd immediately recognized the opportunity to create a solution that would not only meet Willmar residents’ needs, but contribute to the school’s educational efforts as well. The School of Dentistry has a strong commitment to community outreach, and a service-learning tour of duty away from campus has long been part of the senior year schedule for dental and dental hygiene students alike. The rationale is multifold. Students provide care to patients in need. At the same time, an away-from-campus rotation bolsters the



Jason Kelbel, fourth-year dental student, and Robert Erickson, Rice Regional Dental Clinic director.



Fourth-year dental student Matt Sievers meets his youngest patient.

PHOTOS BY BILL ZIMMER

educational experience by giving students a chance to enhance their clinical and diagnostic skills in a realistic clinical situation under community-based adjunct faculty. It also offers valuable experience working with a diversity of dental needs and patient populations. And, because health professions students who do rotations in rural areas are more likely to end up in a rural area after graduation, rotations away from the big city ultimately enhance the availability of dental care in Minnesota's underserved counties.

At the time Massa proposed the Willmar collaboration, the dental school already offered six other venues for off-campus rotations, including a mobile dental unit and a clinic in Hibbing. But the graduation requirements would soon be expanded to include six to eight weeks of community outreach, so a seventh option in Willmar would be a valuable complement to the existing efforts.

"The hospital was willing to look at opportunities for building a clinic in their hospital and partnering with the School of Dentistry," Schulz says. "We had this service-learning model in Hibbing started about six years ago. We started looking at taking the model and bringing it out to Willmar."

With support from Lloyd, the concept began moving toward reality. The school began by scheduling a town hall meeting with area dentists and health advocates to identify needs and concerns. "We had 30 or 40 people attend, an overwhelming amount of support for this concept," he says. The plan also received a strong vote of confidence from the Minnesota Dental Association.

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**"There was rampant decay, lots and lots of dental needs. It was really great to be caring for these patients."**

— MATT SIEVERS, FOURTH-YEAR DENTAL STUDENT

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The next step was raising money to build and operate the facility. A Dental Innovations Grant from the Minnesota Department of Health started the ball rolling.

"Then it just kind of grew from there," Schulz says. With state and federal grants, \$500,000 from the 2006 legislature and generous contributions from other public- and private-sector partners

(see box on page 12), the dental school and hospital eventually raised more than \$2 million not only to construct and outfit the new facility, but also to help cover the first three years of operating costs.

### Overwhelming Response

After two long years of planning, plaster dust, fundraising, and recruiting local professional staff, the hospital-owned and -operated clinic opened in December 2007. The response was immediate and overwhelming. Even though publicity was minimal—prospective patients mainly heard about the facility through local social service agencies—the clinic fielded 92 phone calls in the first half day it was open. In the first 12 days of operation, it hosted 171 patient visits.

"Our phones have been constantly ringing," says clinic director Robert Erickson. "It's been busy since day one." A School of Dentistry alumnus ('74) who spent the past 30 years in private practice in Madison, Wisc., Erickson was recruited in a national search to lead the effort as an adjunct faculty member.

If patients are eager to get here, they're even more pleased once they arrive at the 6,100-square-foot, 10-chair clinic. Waiting to meet and greet them are ☺

a top, bilingual clinic staff, Erickson (or one of several area dentists who serve as adjunct faculty), and up to four dental and two dental hygiene students. Facilities are fantastic; the clinic boasts all digital radiographs, integrated practice software with electronic patient records, even a ceiling-mounted lift for transferring wheelchair patients.

Students, not surprisingly, are delighted as well. For them the clinic provides a number of unique benefits. Because the faculty to student ratio is better, they



Community liaison Mike Gardner addresses attendees at a 2005 Town Hall Meeting in Willmar, convened to determine community interest and support for a School of Dentistry training clinic at Rice Regional Hospital.

see more patients each day than they would in the school's on-campus clinics, which is great experience, Schulz says, for honing the time management skills they'll need in practice. The setting is as real as it gets, with morning meetings, opportunities for four-handed procedures, and just about every kind of dental condition they could dream of. The top-notch equipment is a step beyond what's available in the on-campus clinics.

"The clinic was just phenomenal. It has state-of-the-art facilities and a great staff," says Zach Hazelton, a fourth-year dental student from Bemidji. "It passed my expectations. It just blew me away."

"It was like actually working in a [private] dental office," says senior dental hygiene student Amy McNamara, who says several patients drove more than an hour to come to the clinic during her two-week service in January. "The number of patients we had and the time frame really improved my skill level and my speed."

In addition to working in the clinic, students on rotation at Rice Regional Dental Clinic visit classrooms in the community, teaching children about proper oral hygiene techniques and encouraging them to consider careers in dentistry. To help students keep up with their own education while off campus, the clinic is equipped to receive live broadcasts from the dental school, such as "Clinical Grand Rounds" continuing dental education programs that are now offered via interactive television.

Best of all, students agree, is the satisfaction of accomplishing that education while making a real difference in the lives of people.

"It's a very needed thing out there," Sievers says. "It's a blessing for the community *and* for the students."

"Now I know for sure I'm doing the right thing, and doing what I want to do," Hazelton says. And he's empowered as well. "A lot of things I learned at that clinic I can carry into my practice."

### Just Getting Started

The Rice Regional Dental Clinic is affiliated with the Minnesota Area Health Education Center (AHEC) program, established by the University of Minnesota in 2002 to provide community-based experiences for health profession students while at the same time meeting health care needs of underserved populations throughout the state. All told, School of Dentistry on-campus clinics have 104,000 patient-

visits annually. In addition, there were 10,000 patient-visits last year at the school's community outreach sites, which also include a mobile dental unit, rural clinics in Hibbing and Howard, S.D., and three clinics in the Twin Cities. It's expected that the new Willmar facility will have an additional 5,000 patient-visits annually.

**"The number of patients we had and the time frame really improved my skill level and my speed."**

— AMY MCNAMARA, SENIOR DENTAL HYGIENE STUDENT

The academic and community partnership that grew from a good idea at Willmar makes it a great addition to other AHEC programs, and one Schulz is particularly proud of. The fact that the clinic is in a hospital setting opens the opportunity for future interprofessional opportunities as well.

"Now we're trying to look at how else we could utilize this clinic for other specialty areas in the School of Dentistry—for example, pediatric dentistry and endodontics—so they can gain more experience treating patients from underserved populations as well as in specialty care," he says. "We're not finished. We're just getting started." ☉

PHOTO BY BILL ZIMMER



### Financial contributions toward Rice Regional Dental Clinic were generously provided by:

- Countryside Public Health
- Delta Dental of Minnesota
- U.S. Department of Health and Human Services—Health Resources & Services Administration (HRSA)
- Healthier Minnesota Community Clinic Fund
- Kandiyohi County Public Health
- Southern Minnesota Area Health Education Center (AHEC)
- Minnesota Department of Health
- Minnesota Legislature
- Otto Bremer Foundation
- Rice Health Foundation
- Southwest Initiative Foundation
- University of Minnesota Academic Health Center (AHC)

# School of Dentistry Researchers to Study Novel HIV Therapy

Institute for Molecular Virology receives Academic Health Center translational research grant.

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Combination therapies (called highly active antiretroviral therapy or HAART) have been successful in the clinical management of

HIV infection and have saved millions of lives worldwide. Yet, drug side effects and the evolution of drug resistance are major obstacles to the success of the combination therapy.

Now, researchers in the School of Dentistry's Institute for Molecular Virology (IMV), in partnership with the University of Minnesota's Center for Drug Design, are working on a novel approach to anti-HIV therapy that targets the high mutation rate of the virus. HIV's notorious ability to mutate has thwarted efforts to develop a therapeutic cure and vaccine.

Faculty member and IMV Director Louis Mansky and postdoctoral fellow Christine Clouser (Diagnostic and Biological Sciences) are testing a combination therapy, attempting to elevate the mutation rate and cause the virus to mutate itself to death, a concept called lethal mutagenesis or error catastrophe.

Experiments conducted with HIV in cell culture have discovered synergy among the drug combination for reducing viral infectivity. Importantly, the drug combination therapy shows very low cellular cytotoxicity, which is important for the long-term management of HIV infection.



PHOTO BY SCOTT STREBLE

The IMV lab is "ground zero" for HIV research at the School of Dentistry. In protective garments are Lou Mansky and Christine Clouser.

The grant, titled "Novel Combination Therapy for HIV," was awarded to Mansky who partnered with Clouser and the AHC's Center for Drug Design researchers Steven Patterson, Krzysztof Pankiewicz, and Daune Crankshaw.

The \$200,000 grant was awarded by the Academic Health Center's Translational Research Grants Program. This is the first time a School of Dentistry researcher has been awarded a grant

through this competition and it is the only award in the history of the grant program to involve researchers that do not have primary appointments in the medical school. The grant will allow for preclinical testing of various combination therapies that all target and elevate the virus mutation rate. If the combination therapies perform well in preclinical trials, the doors will open for rigorous clinical trials. ☉

# 2007 Community Report

The charts below represent the unaudited revenue sources and expenses of the School of Dentistry for fiscal year 2007.

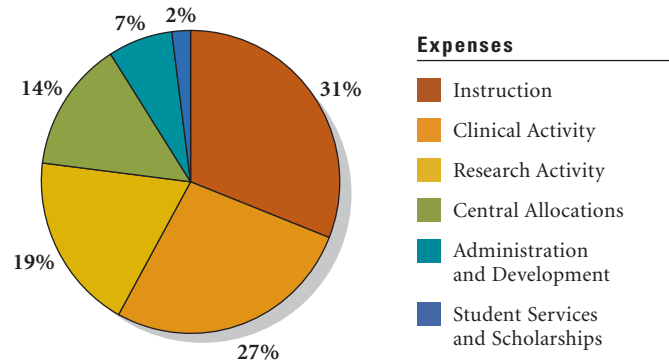
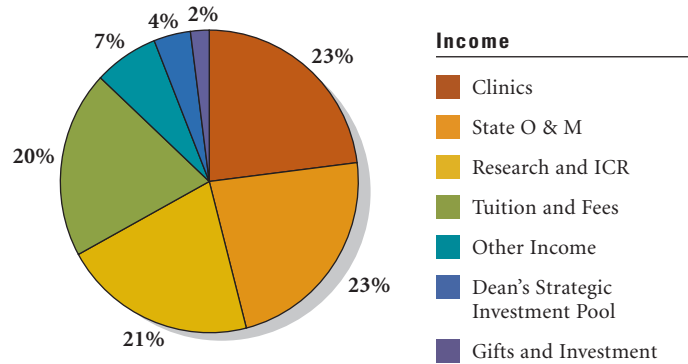
## INCOME & EXPENSES

### Income (in millions)

Clinics	\$	15,356
State Operations & Maintenance (O & M)	\$	15,081
Research and ICR	\$	13,498
Tuition and Fees	\$	12,897
Other Income	\$	4,788
Dean's Strategic Investment Pool	\$	2,625
Gifts and Investment	\$	1,433
<b>Total</b>	<b>\$</b>	<b>65,678</b>

### Expenses (in millions)

Instruction	\$	19,968
Clinical Activity	\$	17,483
Research Activity	\$	12,660
Central Allocations	\$	9,096
Administration and Development	\$	4,788
Student Services and Scholarships	\$	996
<b>Total</b>	<b>\$</b>	<b>64,991</b>



### Income Notes

The School of Dentistry's total revenues were approximately \$65.7 million dollars in FY 2007, which represents a 16.0% increase from FY 2006. These increased revenues are primarily the result of a change in the University's method of allocating State of Minnesota legislative funding. In addition, increases in *Clinical Revenue*, *Tuition and Fees*, and research revenues were significant.

*Tuition and Fees* increased by approximately 18.5% to a total of \$12.9 million dollars. Increases are attributed to a 4.5% increase in tuition rates, increased revenue resulting from the first full year of the Program for Advance Standing Students (PASS) which enrolled six students in its inaugural year and ten students for the second year, and the continued impact of the upward adjustment of class size (from 85 to 96 students) for the Doctor of Dental Surgery program (initiated in 2003).

*Research* revenues increased 16.3% from \$11.6 million in FY 2006 to \$13.5 million in FY 2007 as a result of large multi-year grants received in prior years reaching their conclusion. Research revenues will decrease significantly in FY 2008 as the more difficult current national research environment is reflected in reduced new grant funding.

O&M allocations increased 64.7% in 2007 to \$15.1 million. The increase is attributed to a change in the accounting methodology of the University of Minnesota in allocating O&M funds to all tuition-generating colleges. As an offset, the University also allocated centralized expenses that had previously been funded at the central university level in prior years. Although gross revenue from *State O&M* funding for the School of Dentistry increased 64.7%, net recurring O&M funding, after central university cost pool allocations, actually decreased 3%. *State O&M* funding is continuing to decrease as a percentage of overall school funding.

The balance of revenues from all other sources saw a 3.0% decrease from FY 2006 levels. *Clinical revenue* increased 4.5%, after adjusting for the impact of the elimination of the GPR clinic revenue. Increases resulted from the positive impact of curriculum changes and efficiencies in patient and payer management.

### Expenses Notes

The school's overall expenditures for FY 2007 totaled \$65.0 million, an increase of approximately 18.0% from FY 2006. This increase is largely attributable to the aforementioned change in revenue and expense allocation accounting methodology by the University of Minnesota budget process. After adjusting for this accounting change, the significant net expense changes resulted from an overall increase in faculty and staff compensation of 3.25%, additional research expenditures commensurate with research revenue increases and clinical expense increases commensurate with revenue increases.

*Clinical Activity* and *Instruction* net expenses increased approximately 8.2% in FY 2007. Changes were the result of an internal restructuring of clinical and instructional activity, increased investments in faculty retention, infrastructure and technology enhancements, and staff, faculty and researcher hires (in various disciplines), and increased expenses related to infection control processes.

*Research* expenses increased proportionally to the increase in research revenues. We are aggressively pursuing additional research opportunities befitting our position as a top ten research institution.

*Administration and Development* expenses increased by approximately 31%. The increase can be attributed to development activities related to the simulation clinic project, accreditation expenditures, and capital projects within the dental school.

*Student Services and Scholarships* increased 1% increase from FY 2006, consistent with the School of Dentistry's commitment to increasing student financial assistance.

*Central Allocations* increased 152% as a result of the revised university allocation process. This increase was partially offset by increased allocations of O & M funding.

**Jeff Ogden**  
Chief Administrative Officer



## 2007-2008 FACULTY/STUDENT STATISTICS

### Paid Faculty Appointments\*

	Full Professor	Associate Professor	Assistant Professor	Total
Tenure/Tenure Track	24	26	13	63
Research Track	0	1	11	12
Clinical Track	3	17	15	35
Adjunct	39	38	101	178
<b>Total</b>	<b>66</b>	<b>82</b>	<b>140</b>	<b>288</b>

\*As of 3/14/08.

### Students

#### Fall Semester Enrollment 2007

Dental Hygiene	67
DDS	395
Advanced Education & Graduate Programs	85
<b>Total</b>	<b>547</b>

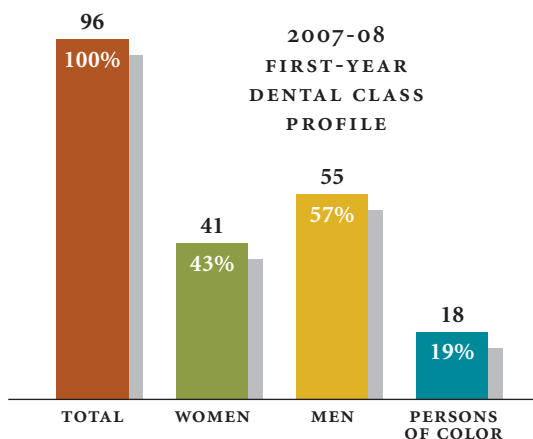
#### 2006-2007 Graduates

Dental Hygiene-Baccalaureate Program	33
Dental Hygiene-Degree Completion Program	9
Certificates	22
Graduate & Professional Degrees Awarded	112
<b>Total</b>	<b>176</b>

## 2007-2008 FIRST-YEAR CLASS PROFILES

### Profile of the 2007-08 First-Year Dental Class

Total Number of Applicants	999*
Class Size	96



#### Average GPAs

Overall GPA	3.60
Required Courses	3.51
Science GPA	3.53

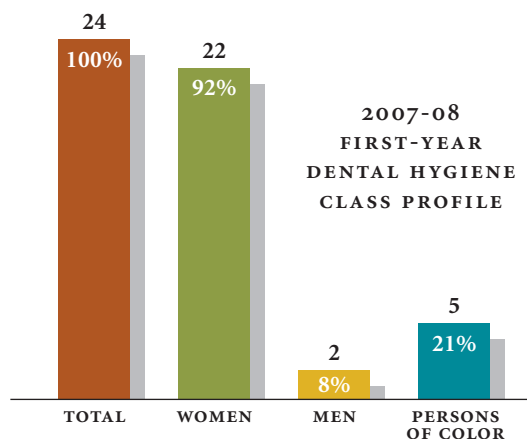
#### Average DATs

Academic Average	19.8
Perceptual Ability	19.2

These figures represent AADSAS calculations.

### Profile of the 2007-08 First-Year Dental Hygiene Class

Total Number of Applicants	71
Class Size	24



#### Average GPAs

Overall GPA	3.42
Science GPA	3.46

#### Average SAT Scores

Composite Average	22.58
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These figures represent AADSAS calculations.

## Understanding and Inspiration

### Naty Lopez Becomes Assistant Dean of Admissions and Diversity

As the population of the state of Minnesota becomes more diverse, the School of Dentistry seeks to broaden the diversity of its student population, too. That's one of the many goals of the school's new assistant dean of admissions and diversity, Naty Lopez. She arrived in Minnesota in September, 2007. Since then, along with chairing the admissions committee, she has established a variety of programs to introduce students from rural communities and under-represented minority populations to the profession of dentistry in general, and to the University of Minnesota School of Dentistry in particular.

One example is the upcoming "Summer Dental School Experience," a week-long program for 20 sophomore and junior undergraduate students from underserved rural and minority communities, those from economically challenged families, those of African American, Hispanic and American Indian communities, and those who are the first in their family to go to college. These students will learn more about the profession, the DAT, applying to dental school, and about the undergraduate coursework they must complete to be accepted. They'll also hear from minority dental students and dentists about their experiences as students and professionals. The program seeks to help students become well qualified and prepared to apply. "They must be qualified," says Lopez. "We don't want diversity just for the sake of diversity."

Lopez arrives in Minnesota after almost twenty years of experience at the University of Pennsylvania. She received a nursing degree and a master's of education in guidance and counseling from the University of the Philippines and later a Ph.D. in health professions education from Penn. She began her work at Penn's School of Dental Medicine as a counselor for foreign dentists. She is co-founder of the STEP Program at Penn Dental, a recruitment program for underrepresented minority high school students in Philadelphia. She later co-directed the school's Program for Advanced Standing Students, and was assistant dean in the Office of International Relations where she developed international programs to facilitate dental students spending four to six weeks studying abroad. She was also co-director of the World Health Organization Collaborating Center at Penn where research focused on, for example, maternal transmission of HIV in Malawi.

One of her goals is to prepare the school's students, faculty and staff for an increasingly diverse group of students. At the same time, she's wondering why so few minority applicants to the School of Dentistry come from Minnesota. "This year there were only seven applications from Native Americans and none of those were from Minnesota," she says. "There were 29 applications from Hispanics, only four from Minnesota, and 27 from



PHOTO BY SCOTT STREBLE

Naty Lopez

African Americans, only two from Minnesota. We have a lot of work to do."

One answer she sees is informing and inspiring Twin Cities high school students who may not have professional role models that might make them aspire to a career in dentistry. She's working with existing programs of the Academic Health Center's Career Center and local minority dentists, as well students from the school's Global Perspectives interest group to speak to students and mentor them. "We want to give them something to dream about," she says. ☉

# Updates

**General John W. Vessey will deliver the commencement address at graduation ceremonies on May 16, 2008**, at the Ted Mann Concert Hall. Distinguished in both times of war and peace, General Vessey's thoughts about effective leadership, public service, personal responsibility, and maintaining an enduring sense of "place" in Minnesota are inspirational.



John W. Vessey  
Born and raised in Minnesota and a current resident of Garrison, Minn., General Vessey is a decorated soldier, diplomat and advisor to presidents whose distinguished 46 years of military service began when he enlisted in the Minnesota National Guard in 1939 and officially concluded in 1985 with his three-year term as chairman of the U.S. Joint Chiefs of Staff. He is the recipient of numerous honors, including the Purple Heart and, in 1992, the nation's highest civilian honor, the Presidential Medal of Freedom. In St. Paul, the General John Vessey Jr. Leadership Academy bears his name.

**Program for Advanced Standing Students (PASS):** The inaugural class of six students will graduate in May. PASS is an educational program for graduates of dental schools outside of the U.S. and Canada seeking an opportunity to earn a U.S. dental degree and to potentially practice in Minnesota. PASS students complete an eight-week orientation and pre-clinical lab experience, plus two weeks of rotations in the school's patient clinics. They then complete the last two years of dental school. The program offers a flexible approach to increased enrollment and makes it possible to respond more quickly to changing workforce needs than with a traditional four-year curriculum.

**A new student leadership training program** for student officers and volunteers met for the first time in March. Funding for the program comes, in part, from a donation by School of Dentistry alumnus Dan Middaugh ('61) who supported programs to develop student leadership skills at the University of Washington School of Dentistry where he was a faculty member.

**Minnesota's chapter of the American Student Dental Association (ASDA) hosted the annual District 8 meeting** on November 10 at the Radisson Hotel. About 35 Minnesota students attended along with 25 students from Creighton University and the Universities of Iowa, Nebraska and Missouri-Kansas City. The agenda featured discussion of ASDA and political action committee goals, chapter updates, and a lecture on the oral effects of methamphetamines. Dean Patrick Lloyd welcomed the group and presented his perspective on dentistry's challenges and opportunities. Students toured the dental school and Associate Dean for Academic Affairs Judith Buchanan demonstrated new teaching technology in the simulation clinic. ASDA is a national student-run organization that introduces students to lifelong involvement in organized dentistry and provides services, information, education, representation and advocacy.

**The School of Dentistry will host student researchers at the 2008 Midwest Student Research Symposium**, April 19, 2008. Approximately 50 students and some research deans from member schools will attend. Last year, the School of Dentistry funded travel for all 19 student members of the Summer Research Program to attend the 2007 symposium at the University of Iowa College of Dentistry where they presented their research using an oral and poster format in a non-competitive environment designed to showcase research accomplishments and promote careers in dental education and research.

**Give a Smile, Get a Smile:** On February 2, the school's fourth annual *Give Kids a Smile Day* event attracted more than 180 student volunteers and about 50 faculty and staff who provided free dental care to 110 children. The student-coordinated event was meticulously organized and the day ran without a hitch. New this year: patient appointments were scheduled for 90 minutes to allow time to provide additional treatment for those with more extensive oral health needs.

First- and second-year dental students helped in registration, served as patient escorts throughout all stops in the treatment process, and assisted third- and fourth-year dental students and pediatric dentistry residents who treated patients. An endodontic resident provided consults. In addition to treatment,



PHOTO BY TONY NELSON

Caring for 110 children brought smiles to patients and dental students such as first-year dental student Jennifer Dylla on *Give Kids a Smile Day*.

the young patients received oral health education instruction. Parents and guardians were advised about services provided, received recommendations on untreated needs, and learned how to contact the school for follow-up care.

*Give Kids a Smile Day* is the annual, national event created to provide free dental care to low-income children and highlight dental access challenges of uninsured and underinsured patients.

A special congratulations and thank you to dental student co-coordinators Ellen Dufresne and Nicole Amundson, and dental hygiene student co-coordinators Sarah Sting and Erin Sikkink, for a fun day and a job well done.

# People

**Accepted: Bryan Michalowicz** (Clinical Research Center) as a Fellow of the 2008-09 American Dental Education Association Leadership Institute. He joins 21 dental educators from across the country as part of the ADEA Leadership Institute's ninth class. Michalowicz was also a guest presenter at the New York Academy of Sciences' symposium "From Basic Sciences to Clinical Practice and Policy: a Medical-Dental Dialogue on the Relationship Between Periodontal Disease and Systemic Health."



Peter Berthold

**Appointed: Peter Berthold** (Health Ecology) as director of the Division of Health Ecology. Berthold joined the faculty in 2006 (with a 20 percent joint appointment in the School of Public Health) as Director of International Affairs and the Program for Advanced Standing Students (UMN PASS). Previously, he was a professor of restorative dentistry at the University of Pennsylvania School of Dental Medicine, where he chaired the Department of Community Oral Health (1999-2003) and the Department of Preventive and Restorative Sciences (2003-05). He held concurrent positions as associate dean of International Relations (1990-2005) and director of the PENN PASS program (1986-2005), and served as an accreditation consultant for numerous international dental schools. From 1997-2005, he also directed a World Health Organization (WHO) Collaborating Center and was technical officer at WHO/HQ (2005-06). Berthold's past research interests focused on areas related to oral bacteria and HIV/AIDS. More recently, he's worked on access to care issues in developing countries. Berthold earned his D.D.S and Ph.D. degrees from the Karolinska Institute, Stockholm, and a D.M.D. from the University of Pennsylvania School of Dental Medicine.



Alex Fok

**Appointed: Alex Fok** (Restorative Sciences) as director of the Minnesota Dental Research Center in Biomaterials and Biomechanics (MDRCBB). Fok received his B.Eng and Ph.D. in mechanical engineering from the University of Manchester and an M.Sc. in mathematical modeling and numerical analysis from the University of Oxford. He was, most recently, a senior lecturer in engineering at the University of Manchester's School of Mechanical, Aerospace and Civil Engineering. He is an educator with nine years of teaching and mentoring experience, a funded researcher with a total of \$3.6 million in grants awarded, and an accomplished author whose credits include a book chapter on dental biomaterials, imaging, testing and modeling. His research interests are in the design of mechanical tests for engineering materials, the evaluation and optimization of dental restorations, and the statistical analysis of brittle failure.



Ron Grothe

**Appointed: Ron Grothe** (Pediatric Dentistry) as Pediatric Dentistry Graduate Program Director. On faculty at the School of Dentistry since 2003 and recently interim program director, Grothe received his D.D.S. from the University of Iowa, his formal pediatric dentistry training and M.S. degree from the University of Minnesota, and an M.B.A. from Iowa State University. Prior to his faculty appointment, he had military, private practice, adjunct faculty, and full-time dental faculty experience, and he is currently a diplomate of the American Board of Pediatric Dentistry.

**Appointed: Mike John** (TMD and Orofacial Pain) as associate professor. John received his dental degree from the Martin Luther University Halle-Wittenberg at Halle/Saale, Germany, and a M.P.H.

in public health and a Ph.D. in epidemiology from the University of Washington. Most recently, he was an associate professor in the Department of Prosthodontics and Materials Sciences at the University of Leipzig, Germany. His research interests include the investigation of the etiology, diagnosis and classification of temporomandibular disorders, and the quality of life assessment of the outcomes of common oral treatments.

**Appointed: Nelson Rhodus** (Oral Medicine and Diagnosis) to the Oral Cancer Foundation Medical and Scientific Advisory Board and to the Board of Directors of the Sjogren's Syndrome Foundation.



Amy Truong

**Elected: Amy Truong** (third-year dental student) as District 8 Trustee for the American Student Dental Association. Truong was chosen from a competitive field of qualified candidates and appointed at the August 29-September 2, 2007 ASDA Annual Session. As district trustee, she serves as a member of the association's Board of Trustees which oversees all association activities, approves the annual budget, and is responsible for acting on resolutions adopted by the ASDA House of Delegates. District 8 represents dental students at the Universities of Minnesota, Iowa, and Missouri-Kansas City, the Nebraska Medical Center College of Dentistry, and Creighton University School of Dentistry.

**Selected: Emily Durand** (senior dental hygiene student) to receive the 2008 President's Student Leadership & Service Award. Presented to approximately one-half of one percent of the student body, the award recognizes exceptional leadership and service to the University and surrounding community. The award will be presented at the President's Award Banquet on May 5.

**Selected: Gretchen Seime** (second-year dental student) by the ADA Foundation to receive a \$2,500 Dental Student Scholarship for the 2007-2008 Academic Year.

## A Letter from the President



Greetings once again from the University of Minnesota School of Dentistry Alumni Society—SODAS. As we move toward spring and the snow begins to give way to the warming temperatures, thoughts of transitions and new beginnings come to mind.

There are a lot of transitions and new beginnings happening at the School of Dentistry and your alumni society makes every effort to be involved. This past November the new pre-clinical simulation clinic was dedicated and the alumni society is proud of the fact that a large percentage of the over 11 million dollars raised for this truly forward thinking project, was donated by School of Dentistry alumni and friends!

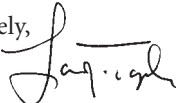
Another new beginning is our focus on leadership. The alumni society sponsored a leadership training event for dental students in March, which was a huge success. Discussions on leadership from dental alumni with the students helped to shed light on the leadership roles that students can play in dentistry. We look forward to continuing to help foster the dental leaders of tomorrow.

I am excited for the upcoming Minnesota Dental Association's Star of the North meeting. It is always a great opportunity to catch up with old friends and talk about the good old days. I hope you can stop by the SODAS booth at the meeting. For the first time this year the alumni society will be able to sell your favorite School of Dentistry and Golden Gopher sweatshirts, caps, mugs and other fun items. The Dean's reception is always one of the highlights of the weekend, where people who make a real difference in dentistry can be recognized. This year our congratulations go out to outstanding dental and dental hygiene alumni, Dr. Tom Sitzer and Ms. Christine Blue.

If you have been thinking about ways to become more involved with your Alma Mater, joining the School of Dentistry Alumni Society Board may be the right opportunity for you. As a member, you'll strengthen your ties with the School, the University, and the University of Minnesota Alumni Association; you'll develop a stronger network of colleagues and professional relationships; you'll impact the lives of current and future dental and dental hygiene students; and you'll have *fun*! Or if you prefer, you are also welcome to connect with the SODAS as a member of one of our working committees—Cap & Gown/Graduation Fund, Golf Classic, Alumni Honors, Student/Alumni Programming, and Nominating.

We believe that our students are the future of the profession and that alumni relations that begin in dental school will last a lifetime. Recent graduates receive a complimentary one-year membership to the alumni society, granting access to all the benefits membership has to offer. What most people do not realize is that current students can also enjoy the benefits of membership. A student membership is only \$15. If you would like to sponsor a student membership, please contact Ms. Annie Pennola in the Alumni Relations office at 612-625-6164. If you are a current alumni society member, thank you for your participation. When it is time to renew your membership, I would ask you to consider upgrading your membership to a Life Membership. Life Membership helps the Alumni Society in so many ways. It perpetuates your gift of membership year after year and reduces the costs of having to solicit your membership each time it is up for renewal. If you are not currently a member, I would ask you to consider joining. What better gift to your profession than to help those who follow in your foot steps.

It has been an honor for me to serve as your president over this last year and I would encourage all of you to get involved on some level with the alumni society. Whether it is as a participating member, committee or board member, there is a place for you! Don't be a stranger. Let us hear from you.

Sincerely,  


**LOREN TAPLE, D.D.S. '89**  
*President, School of Dentistry Alumni Society*

# Award-Winning Alumni



PHOTO BY RICHARD ANDERSON

Christine Blue

## Christine Blue

### 2008 Distinguished Dental Hygiene Alumna

Christine Blue is a dedicated clinician whose passion for teaching has motivated nearly three decades of students and led to a re-envisioned program of dental hygiene education at the University of Minnesota. Currently the School of Dentistry's director of dental hygiene, she was instrumental in restructuring the bachelor's degree curriculum into a six-semester program and in creating a new Master's of Dental Hygiene Program, with career tracks in both education and industry. A collaborative leader, she partnered with the University of Minnesota's Carlson School of Management and College of Education to provide graduate students with valuable learning experiences in business and adult education, and with dental school faculty to integrate dental and dental hygiene students into clinical experiences that reflect the team environment in which they will practice. She's published several articles on teaching methodology, which continues to be an area of research interest. She developed a CD-ROM instructional program for teaching head and neck anatomy to dental professionals, for which she received the 2002 Michael J. Loupe Teacher of the Year Award for Excellence and Innovation. She also is the 2007 recipient of the ADEA/GlaxoSmithKline Teaching Fellowship.

A 1978 graduate with honors of the Graduate Dental Hygiene Program at the University of Minnesota, Blue earned B.S. and M.S. degrees in dental hygiene from Old Dominion University in Norfolk, Virginia. She was an instructor of dental hygiene at Normandale Community College (1980-94) and joined the School of Dentistry faculty in 1994. She is a member of the American Dental Hygienists' Association, chairs the Section on Dental Hygiene Education of the American Dental Education Association, and is a member of the University's Health Careers Center Committee and the dental school's committees on education policy and institutional effectiveness.



Thomas L. Sitzer

## Thomas L. Sitzer

### 2008 Distinguished Dental Alumnus

Thomas Sitzer is a dedicated practitioner, visionary leader and tireless humanitarian who united a community to serve the unmet needs of underserved and underinsured patients.

As a member of the Salvation Army Advisory Council, he was involved with a number of Salvation Army initiatives, including an evening medical clinic staffed by Mayo physicians. Envisioning a similar clinic to provide dental services to underserved patients, he rallied the support of 40 Rochester area dentists and creatively partnered with local non-profit, social service, corporate and professional organizations to make the vision a reality. In 2002, the Salvation Army Good Samaritan Dental Clinic opened its doors in Rochester, Minnesota, with Dr. Sitzer serving as its first volunteer director. He continues as clinic director and volunteer clinician, and also spends each Thursday morning at Olmsted Community Hospital, treating medically compromised patients and those with disabilities.

Sitzer is also active in a variety of other community organizations, including Catholic elementary and high school programs, the Olmstead County Public Health Advisory Committee and the county's Health Services Advisory Board. He's a member of the Minnesota Dental Association and past president of the Minnesota Association of Pediatric Dentists. In recognition of his dedicated service, he received some of these organizations' highest honors, including the Zumbro Valley Medical Society's Adolescent Health Community Award (2002), the Southeastern District Dental Society's Award of Appreciation (2001-02), and the the Salvation Army Distinguished Award (2006).

Sitzer is a 1967 graduate of the University of Minnesota School of Dentistry. He completed his pediatric residency (1969-71) at the University of Cincinnati, Children's Hospital and has been in full-time private practice in Rochester, Minnesota since 1971.

# Class Notes

Please submit brief notices about milestone events and activities to: U of M School of Dentistry, Alumni Relations (attn: Annie Pennola), 515 Delaware St. S.E., 15-136 Moos Tower, Minneapolis, MN 55455 or [penno008@umn.edu](mailto:penno008@umn.edu).

*Dentistry* is published two times a year. Deadlines for submission are: Spring issue: January 1; Fall issue: July 1. Please note: *Dentistry* cannot publish birth and marriage announcements.

## 1940

**James Hicks Inglis** (D.D.S.), Palo Alto, Calif., passed away on December 11, 2007. Dr. Inglis was one of the first Boy Scouts to achieve the rank of Eagle Scout in his hometown of Redwood Falls and he was also the last surviving member from Redwood Falls of the 1934 State High School basketball team. Dr. Inglis enlisted in the Navy Dental Corp in 1942 and served in the Pacific through WWII, retiring as captain in 1976. He practiced pediatric dentistry in Palo Alto until retiring in 1981. He was a volunteer with the Boy Scouts of America and Palo Alto Friends of the Library, and served as a docent and gardener at Filoli, a historical county estate south of San Francisco.

## 1942

**Margaret Ann "Midge" Kranz** (D.H.), Minneapolis, passed away on April 20, 2007. She served as a civilian dental hygienist during WWII for the Army air base in Sioux Falls, S.D. and at the Birmingham General Hospital in Van Nuys, Calif., (neither location is in operation today.) She practiced dental hygiene in Minneapolis, San Francisco and in Alaska, where she was the first registered dental hygienist. She retired in 1980 having worked as the school hygienist for the Minneapolis Public Schools for the latter part of her career.

## 1945

**Harold H. Vigeland** (D.D.S.), Rugby, N.D., passed away on November 26, 2007. Dr. Vigeland is a 1941 graduate from St. Olaf College which was founded by his great-grandfather, Rev. B. J. Muus. That same year, he started dental school, but interrupted his education to enlist in the Army Reserves in 1943. He returned to dental school in 1944 and, after graduation, practiced in Rugby, N.D. for seven years. In 1952, he enlisted as captain in the U.S. Army, then accepted a transfer to the Air Force. He graduated from the School of Aviation Medicine in Alabama and served with the Korea-based 474th Medical Group in Japan. Dr. Vigeland returned to Rugby in 1954 to practice dentistry, built his own office, and retired

in 2000 after 55 years of practice. Active in his community, he also was a former trustee of the North Dakota Dental Association and a member of the Red Cross, American Field Service, Devils Lake District Health Unit, American Legion, Boy Scouts of America, and the Lions Club. Dr. Vigeland was the 1999 recipient of the Melvin Jones Fellowship, the highest award given by the International Association of Lions Clubs.

**Erwin Schaffer** (D.D.S.), Minneapolis, Dean Emeritus, passed away December 25, 2007. (See story, page 2.)

## Robert "Swanny" Leonard Swanstrom, Sr.

(D.D.S.), Duluth, passed away September 30, 2007. Dr. Swanstrom served in the Navy during WWII and the Korean War. He was given the "Guest of Honor Award" by the Minnesota Dental Association in 1987 for outstanding achievements in dentistry and community service. He was a member of the American Dental Association, the Minnesota Dental Association, Northeastern District Dental Society, Duluth Dental Forum and was a Fellow in the American College of Dentists. He served as the first president of the Greater Downtown Council, was Duluth's 1992 Hall of Fame recipient, and served on the Northern Chapter of the American Red Cross for 16 years. Dr. Swanstrom retired in 1985 after practicing dentistry for 42 years.

## 1953

**Dale William Amundson** (D.D.S.), Duluth, passed away on September 29, 2007. After graduating from dental school, Dr. Amundson went on to practice in Duluth with his father and two brothers. He served on the Board of Directors of the newly formed School of Dentistry Alumni Association in 1958. He was also, for six years, an American College of Dentists' feedback assessor for the U-M School of Dentistry's professional problem solving curriculum for fourth-year dental students, a multi-disciplinary approach to solving ethical business dilemmas in dentistry. Dr. Amundson is remembered for his numerous activities, participation in organizations, honors, and as a contributor to the Duluth-Superior Area Community Foundation since its inception in 1983.

**Gordon J. Neumann** (D.D.S.), Colfax, Wis., passed away on August 14, 2007. From 1937 to 1939, Dr. Neumann was a member of the Wisconsin National Guard, worked for Trane Air Conditioning, and graduated from Wisconsin Business University, La Crosse, Wis. (closed in 1941). He passed the Civil Service Exam and began working for the Social Security Board while still in its infancy, in Baltimore, Md. Dr. Neumann worked as an accountant for the Department of the

Navy in Washington, D.C. and then the Marine Corps Headquarters in Arlington, Va., where he enlisted and was selected for officer training, graduating first in his class and receiving an appointment to the Naval Flight Training Program. After earning his wings at Pensacola Florida Naval Air Station, Dr. Neumann was commissioned an officer with the Marine Fighter Squadron and served on active duty from 1942-1947. He attended La Crosse State Teacher's College (now the University of Wisconsin-La Crosse) from 1948-1951 while serving as a Fighter Pilot with the U.S. Marine Reserve Fighter Squadron VMF 213. Dr. Neumann transferred to the University of Minnesota and graduated from the School of Dentistry in 1953. He set up practice in Colfax, where he remained for 40 years.

## 1958

**Norman T. Kushino** (D.D.S.), Minneapolis, passed away on October 16, 2007. He practiced dentistry for 42 years and was a member of the American Dental Association, Northside Study Group and the Japanese-American Citizens League.

## 1960

**Robert C. Faine** (D.D.S.), Mercer Island, Wash., was appointed to the Washington State Board of Dental Examiners.

## 1966

**Richard Wiberg** (D.D.S.), St. Paul, received the Outstanding Service Award from the St. Paul District Dental Society at its 54th Midwinter Meeting on January 4.



George Winn

**George Winn** (D.D.S.), New Prague, will receive the Minnesota Dental Association's 2007 President's Award on April 12, 2008, at the association's annual *Star of the North Meeting* in St. Paul.



Robert M. Brandjord

## 1970

**Robert M. Brandjord** (D.D.S.), Burnsville, received the Distinguished Service Award from the American Association of Oral and Maxillofacial Surgeons during an award

ceremony at the association's 89th Annual Meeting, Scientific Sessions and Exhibits in Honolulu, Hawaii in October, 2007. Dr. Brandjord is the 23rd recipient of the award, which recognizes those individuals who have made extraordinary contributions to the OMS community. (continued)

## Class Notes *(continued)*

He will also be recognized as the 2008 Minnesota Dental Association's Guest of Honor on April 12 at the association's annual *Star of the North Meeting* in St. Paul.



John Nydahl

### 1970

#### John Nydahl

(Springfield, Ore.) will receive the Minnesota Dental Association's Outstanding Service Award on April 12 at the association's 2008 *Star of the North Meeting* in St. Paul.

### 1975

**Gaynell Schandel** (D.H.), Minneapolis, was appointed Chief Financial Officer for the Minneapolis Police Department.



(L to R) Douglas Erickson, Charles Babst, and John Conry.

### 1976

**Charles Babst** (D.D.S.), Duluth, was inducted into the American College of Dentists at the 2007 Annual Meeting and Convocation in San Francisco, Calif., on September 27, which coincides with the annual meeting of the American Dental Association.

### 1981

**Douglas Erickson** (D.D.S.), Duluth, was inducted into the American College of Dentists at the 2007 Annual Meeting and Convocation in San Francisco, Calif., on September 27, which coincides with the annual meeting of the American Dental Association.

### 1985

**John Conry** (D.D.S.), Duluth, was inducted into the American College of Dentists at the 2007 Annual Meeting and Convocation in San Francisco, Calif., on September 27, which coincides with the annual meeting of the American Dental Association.

### 1988

**Richard Winter** (D.D.S.), Milwaukee, Wis., received the 2007 Mastership Award—the highest honor available from the Academy of General Dentistry—for his commitment

## Remembering Our Faculty

*We share these updates on the passing of former faculty members. Obituaries of faculty who are alumni of the University of Minnesota School of Dentistry are included in Class Notes.*

**Andrew "Ted" Morstad**, D.D.S., M.S., Forest Lake, passed away on October 6, 2007.

Dr. Morstad received his dental degree from Marquette University School of Dentistry in 1947 as part of the Army Specialized Training Program.

He was an assistant dental surgeon for the U.S. Public Health Service in Seattle, Wash., from 1947-1948, then moved to New York Mills, to set up private practice. From 1952-1953, Dr. Morstad was captain and prosthetics officer in the U.S. Air Force at Ellsworth, S.D.

In 1956, he was appointed a full-time assistant professor of dental prosthetics at the School of Dentistry. He was promoted to associate professor and acting chairman of the Division of Dental Prosthetics one year later, and was named professor and chairman of the division in 1959. He served in this position for 28 years and was recognized with a Century Club Professor of the Year award in 1988. He retired in 1992.

Dr. Morstad's national and international accomplishments include: member of the Cleft Palate Maxillofacial Clinic interdisciplinary team, traveling scholar



Andrew Morstad

and exchange professor partly funded by the International College of Dentists, laboratory research at the University of Utah, clinical research at the University of Minnesota, past president of the Minnesota Prosthodontics Society and the Minnesota Academy of Restorative Dentistry, chairman of the Removable Prosthodontics section of the AADS, member of the American Prosthodontics Society and thirteen other dental organizations.

to excellence in dental education. Dr. Winter completed 1,100 hours of continuing dental education.. He is a member of the American Dental Association, Academy of Dentistry International, International Consultant for Dental Health Library, Chicago Dental Society and the Greater Milwaukee Dental Association.



Kou Vang

### 1995

**Kou Vang** (D.D.S.), St. Paul, will receive the Minnesota Dental Association's *Humanitarian Service Award* on April 12 at the association's 2008 *Star of the North Meeting* in St. Paul.

### 2004

**Jason Johnson** (D.D.S.), Saint Paul, won the Clinical Research division of the 2007 American Academy of Periodontology's prestigious Balint Orban competition.



Heather Conrad

### 2006

#### Heather J. Conrad

(M.S.), Little Canada, was recognized as a Fellow by the American College of Prosthodontists at their Annual Luncheon on November 2, 2008.

Dr. Conrad received this honor upon her achievement of board certification and status as a new diplomat of the American Board of Prosthodontics. Dr. Conrad received her Fellowship Diploma with the Royal College of Dentists of Canada, and she is currently an Assistant Professor in the Division of Prosthodontics at the School of Dentistry.



# Upcoming Class Reunions & Events

REUNION/EVENT	DATE, TIME, LOCATION & CONTACT INFORMATION
Class of 1946	Friday, June 13, 12:00 p.m., Midland Hills Country Club, Dr. Dennis Johnson, Chair
Class of 1954	Friday, April 11, 11:30 a.m., Patrick McGoverns Pub on 7th Street, Dr. Wayne D. Johnson, Chair
Class of 1958	50 Year Reunion, Friday, June 20, 6:00 p.m., Minnesota Valley Country Club, Dr. Carl Olson, Chair
Class of 1959	Saturday, April 12, 11:45 a.m., Crowne Plaza Hotel, Restaurant 11, Dr. William R. Johnson, Chair
Class of 1962	Friday, April 11, 12:00-2:00 p.m., Downtowner Woodfire Grill, Dr. Mark Holmes, Chair
Class of 1963	45 Year Reunion, Saturday, April 12, 6:00 p.m., Interlachen Country Club, Dr. James Holtan, Chair
Class of 1964	Saturday, April 12, 12:00 p.m., Saint Paul Hotel, Dr. James Indrehus, Chair
Class of 1968	40 Year Reunion, Saturday, April 12, 7:00 p.m., The Lexington, Dr. Barry Godes, Chair
Class of 1973	35 Year Reunion, Friday, April 11, 6:30 p.m., Saint Paul Hotel, Dr. Donald E. Johnson, Chair
Class of 1977	Friday, April 11, 12:00 p.m., Great Waters Brewing Co., Dr. Herbert W. Schulte, Chair
Class of 1983	25 Year Reunion, Saturday, April 12, 6:00 p.m., Saint Paul Hotel, Dr. Michael J. Perpich, Chair
Class of 1988	20 Year Reunion, Saturday, April 12, 6:00 p.m., Saint Paul Hotel, Dr. Michelle Posch, Chair
Class of 1998	10 Year Reunion, Friday, April 11, 7:00 p.m., The Liffey Irish Pub, Dr. Douglas Wolff, Chair
Class of 1999	Friday, April 11, 5:00 p.m., Patrick McGovern's Pub on 7th Street, Dr. Dan Sletten, Chair
Class of 2007	Friday, April 11, 11:30 a.m., Saint Paul Hotel, Dr. Geoff Archibald, Chair
Endodontic Alumni Reception	Wednesday, April 9, 5:00 p.m., Pan Pacific Hotel, Vancouver, British Columbia
Orthodontic Alumni Association	Saturday, May 17, 7:00-9:00 p.m., Grand Hyatt, downtown Denver, Colo., Dr. Stephen Litton, Chair
South Dakota Alumni Reception	Friday, May 16, 5:00-6:30 p.m., Meeting Room 11, Sioux Falls Convention Center
Pediatric Alumni Reception	May 22-26, Marriott Wardman Park, Washington, D.C. Date and time to be determined.
Dental Hygiene Classes of 1967 and 1968	Friday, September 26, Kathy Newell, Chair. Lunch and tour of School of Dentistry Simulation Clinic. Mark the date: time and location to be determined.

## Graduation 2008:

### School of Dentistry Alumni Society Cap & Gown Fund

Since 1997, the School of Dentistry Alumni Society (SODAS) has raised funds to cover the cost of cap and gown rental for graduating dental and dental hygiene students. Thanks to the wonderful response to past appeals, SODAS is now able to provide additional support for graduation activities, including the Senior Recognition Banquet, and funds for a yearbook for the graduating classes. Our commitment to the dental and dental hygiene classes of 2008 is approximately \$15,500.

The School of Dentistry Alumni Society requests your participation in this special project. Please consider sponsoring one or more dental or dental hygiene students. The cost of the cap and gown for each student is \$45. This contribution is tax-deductible and will stand as a commitment and bond between alumni and students. As students wrap up their education and focus on final exams, board examination preparation and job searches, your contribution will help to eliminate one financial worry. To make your donations, call 612-625-6164



The School of Dentistry Alumni Society's 2007 annual golf classic was a day for friendly competition and fun. (L to R): Dean Patrick Lloyd, Mary Owen ('86), School of Dentistry Development Officer Fred Bertschinger, Jim Nasby ('69), Paul Rue ('67), and mystery alumnus (a.k.a. Goldie Gopher).

or visit us online at [www.dentistry.umn.edu/alumni.html](http://www.dentistry.umn.edu/alumni.html). Your generosity will always be a part of the memories of the Class of 2008's years at the University of Minnesota School of Dentistry. *Thank you.*

# Events Calendar

## APRIL 2008

**April 10**  
**School of Dentistry Alumni Society Board Meeting**  
3:30 to 5:30 p.m.  
Saint Paul Hotel  
St. Paul, Minn.

**April 10**  
**Annual Dean's Reception**  
5:30 to 7:30 p.m.  
Promenade Ballroom  
Saint Paul Hotel  
St. Paul, Minn.

*For information, call:*  
(612) 626-4184

**April 11-12**  
**MDA Star of the North Meeting**  
River Centre  
St. Paul, Minn.

*Pre-session Seminars: April 10*

*For information, call:*  
(612) 767-8400

## MAY 2008

**May 15-17**  
**South Dakota Dental Association Annual Session**  
Sioux Falls Sheraton Inn and Convention  
Sioux Falls, S.D.

*For information, call:*  
(605) 224-9133

**May 14**  
**School of Dentistry Senior Recognition Banquet**  
*(by invitation only)*

*Awards Ceremony:* 5:00 p.m.  
*Banquet:* 6:30 p.m.  
*Program:* 7:30 p.m.

Nicollet Island Pavilion  
40 Power Street  
Minneapolis, Minn.

*For information, call:*  
(612) 625-8947

**May 16**  
**School of Dentistry Graduation**  
2:00 p.m.  
Ted Mann Concert Hall  
University of Minnesota  
Minneapolis Campus  
Minneapolis, Minn.

*Speaker:* General John William Vessey, Jr.

**May 29**  
**University of Minnesota Alumni Association 10th Annual Celebration**

*Reception and Dinner:* 5:30 p.m.  
*Program:* 7:30 p.m.

*Location:* Northrop Mall and Auditorium  
*Speaker:* Dr. Doris Taylor

*For information:*  
[www.alumni.umn.edu](http://www.alumni.umn.edu)

## JUNE 2008

**June 13**  
**White Coat Ceremony**  
Coffman Union  
Great Hall  
University of Minnesota  
Minneapolis Campus  
Minneapolis, Minn.

## JULY 2008

**July 25**  
**14th Annual School of Dentistry Alumni Society Golf Classic**  
8:00 a.m. shotgun start  
Majestic Oaks Golf Club  
701 Bunker Lake Blvd.  
Ham Lake, Minn.

*For information and registration, call:*  
(612) 625-6164

## 14th Annual Golf Classic

**Friday, July 25, 2008**

Please mark your calendars to join us for the School of Dentistry Alumni Society Golf Classic!

Return to your maroon and gold stamping grounds on Friday, July 25, 2008 for a truly fun event at the Majestic Oaks Golf Club. Enjoy some friendly competition, prizes, and a cookout. Stop by the School of Dentistry Alumni Society booth at the Star of the North Meeting or call 612-625-6164 for more information. It's not too early to get your foursome together!



## SEPTEMBER 2008

**September 11**  
**All School Retreat**

**September 11-13**  
**North Dakota Dental Association Annual Session**  
*Location:* To be determined.  
Bismarck, N.D.

*For information, call:*  
(701) 223-8870

**September 19**  
**White Coat Ceremony**  
Coffman Union  
Great Hall  
University of Minnesota  
Minneapolis Campus  
Minneapolis, Minn.

*For information, call:*  
(612) 625-8947

## For more information:

Except where noted, you can obtain further information on the events listed by contacting:

**Julia Cross**  
(612) 625-7678  
[cros0183@umn.edu](mailto:cros0183@umn.edu)

To stay informed about events at the University of Minnesota, see the Twin Cities Campus Event Calendar at [www.events.tc.umn.edu](http://www.events.tc.umn.edu)

# CDE Courses

## 10% Discount Now Available

*School of Dentistry Alumni Society members are eligible for discounted continuing education. Members may receive a 10% discount for "lecture only" courses offered through the University of Minnesota School of Dentistry. (This discount applies to School of Dentistry Alumni Society members only and not their employees).*

### MAY 2008

**Nitrous Oxide/Oxygen Inhalation Sedation: A Training Program**  
May 2-3, 2008

**Local Anesthesia: A Hands-On Training Program**  
May 12-14, 2008

**Core Competency Day for the Dental Team**  
May 16, 2008

### JUNE 2008

**Dental Hygiene Refresher: A Hands-On Program**  
June 2-6, 2008

**Practical Periodontics: A Hands-On Non-surgical Program**  
June 11-13, 2008

### JULY 2008

**Traumatic Dental Injuries: Maximizing Outcomes, Minimizing Complications—Duluth, Minnesota**  
July 19-20, 2008

### AUGUST 2008

**43rd Annual Dental Assistants' Seminar**  
August 8-9, 2008

**8th Annual Oral and Maxillofacial Surgery Review**  
August 16-18, 2008

### SEPTEMBER 2008

**Clinical Grand Rounds: Bisphosphonate Osteonecrosis**  
September 4, 2008

**Fall Dental Hygiene Seminar**  
September 5, 2008

**Esthetic Removable Partial Dentures—Postgraduate Program in Esthetic Dentistry: Level III**  
September 11-13, 2008

**Oral Appliances for the Treatment of Snoring & Obstructive Sleep Apnea**  
September 12, 2008

**2nd Annual Robert J. Feigl Symposium: New Horizons in Children's Dental Care 2008**  
September 19, 2008

**TMD and Orofacial Pain Miniresidency**  
September 22-24, 2008

**Pathways to Endodontic Excellence: A Lecture Program**  
September 26, 2008

**Restorative Expanded Functions: An 80-Hour Training Program**  
September 26-28, 2008 (Weekend One)

**Pathways to Endodontic Excellence: A Hands-on Program**  
September 27, 2008

### OCTOBER 2008

**Clinical Grand Rounds: Oral Medicine/Medically Compromised Patients**  
October 2, 2008

**14th Annual Practice Management Symposium: 5 M's of a Successful Practice**  
October 3, 2008

**Infection Control Update: How Well Are We Doing?**  
October 4, 2008

**Restorative Dentistry Update**  
October 10, 2008

**Nitrous Oxide/Oxygen Inhalation Sedation: A Training Program**  
October 10-11, 2008

**Restorative Expanded Functions: An 80-Hour Training Program**  
October 17-19, 2008 (Weekend Two)

**Occlusion & Function—Postgraduate Program in Esthetic Dentistry: Level III**  
October 22-25, 2008

**Clinical Updates in TMD and Orofacial Pain**  
October 24, 2008

**Advanced Seminar in TMD and Orofacial Pain**  
October 25, 2008

**Office Oral Surgery: A Clinically Guided Participation Course**  
October 27-28, 2008

**Recordkeeping Workshop for the Dental Team**  
October 30, 2008

**Tough Problems: Artful, Ethical Solutions**  
October 31, 2008

### NOVEMBER 2008

**Clinical Grand Rounds: TMD**  
November 6, 2008

**Integrating Technology into Your Practice—Postgraduate Program in Esthetic Dentistry: Level III**  
November 6-8, 2008

**Oral Medicine Update**  
November 7, 2008

**Winter Dental Assistants' Seminar**  
November 8, 2008

**Postgraduate Program in Esthetic Dentistry: Levels I & II**  
November 14-16, 2008 (Weekend One)

**Restorative Expanded Functions: An 80-Hour Training Program**  
November 21-23, 2008 (Weekend Three)

### DECEMBER 2008

**Clinical Grand Rounds: Restorative/High Caries Risk Patients**  
December 4, 2008

**Restorative Expanded Functions: An 80-Hour Training Program**  
December 5-7, 2008 (Weekend Four)

**For more information and to register for classes, contact:**

### Continuing Dental Education

6-406 Moos HS Tower  
515 Delaware Street SE  
University of Minnesota  
Minneapolis, MN 55455

**Phone:**  
(612) 625-1418  
or (800) 685-1418

**Fax:**  
(612) 624-8159

**Website:**  
\$10 discount for on-line registrations. Please access our secure Web site at [www.dentalce.umn.edu](http://www.dentalce.umn.edu).

# 2007 Donors

## Dear Friends,

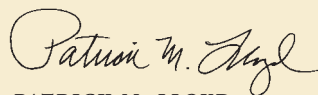
2007 was a milestone year in the history of the School of Dentistry. In November, we celebrated the launch of our new Simulation Clinic, naming the main learning lab as the 3M Foundation Simulation Clinic in honor of the foundation's \$1 million contribution. The project, several years in the planning and a short nine months in construction, was the most comprehensive transformation of our teaching facilities in more than three decades and our most successful capital campaign since the opening of Moos Tower in 1975.

The completion of this ambitious initiative was made possible by alumnus Dr. Arnie Hill who chaired the campaign and his dedicated group of volunteer campaign cabinet members, and by the hundreds of staff, faculty, alumni and friends who so generously contributed. Private support for the new teaching facility totaled over \$3.5 million—approximately one-third of the project cost. The number of donors doubled in a single year and now numbers nearly 900. We continue to encourage contributions to the Simulation Clinic Equipment Endowment Fund as a way to provide ongoing support for equipment maintenance and allow us to capitalize on the availability of new dental education technology.

We also thank all contributors who supported a variety of important initiatives, including efforts chaired by alumni Drs. Kurt King and Dan Shaw to support our new pediatric dentistry lectureship in honor of Dr. Robert Feigal. Also significant this year was support, through the Dental Hygiene Fund and the Dean's Dentistry Fund for Achievement, for initiatives that benefit students, staff, faculty and alumni.

To each of you who supported the school with your contributions during 2007, I extend my most sincere 'thank you' for investing in dental education at the University of Minnesota School of Dentistry.

Sincerely,



**PATRICK M. LLOYD**  
Dean

*We strive for accuracy when preparing these lists and apologize for any errors that may appear. We invite you to notify the Development Office (at 612-625-1657) of any corrections.*

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Jean A. Mc Donald  
Merry DDS PA  
Alan B. Montgomery  
Donna T. & Brian F. Murn  
OMH Rentals  
David J. Osdoba  
David & Pamela Perell  
William A. & Lois Peterson\*  
Barbara Tenney Pinto  
Paul G. & Elizabeth H. Quie\*  
William C. Randall\*  
Janis M. Rollow  
Ronald P. Schmidt  
Roy S. Schwartz  
Russell R. Sieben  
Blanche Singer  
Kevin L. Skjei  
Lowell F. & Judy C. Sorenson  
Stephen J. Tervola  
Tri-County Dental Society  
Ling-Hsuan Tung  
Robert A. Vickers  
William W. & Grace P. Wagnild

### Omissions in Calendar Year 2006 Report

We apologize for a reporting error in the Spring 2007 edition of *Dentistry* which resulted in the following names not being included on the list of donors for calendar year 2006.

Steven M. & Mary Z. Ager  
Alan B. Montgomery  
Orthodontics Ltd.  
James H. Barthel  
Joseph G. Becker



## Got News?

*Your classmates and colleagues want to know about YOU.*

Please send brief notices about milestone events and activities, awards and honors. To submit your news by electronic form, go to: [www.dentistry.umn.edu/alumni](http://www.dentistry.umn.edu/alumni). Or, mail your information to: Alumni Relations, University of Minnesota School of Dentistry, Attn: Annie Pennola, 15-136 Moos Tower, 515 Delaware St. S.E., Minneapolis, MN 55455.

\*Photos will be accepted and used as space allows.

(Please note: *Dentistry* cannot publish birth, marriage or divorce announcements.)

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Is this an address change?  home  office

News (attach separate page if needed):

Get Involved

- I'd like to help plan my next reunion
- I'd like information about how to participate as a member of the School of Dentistry Alumni Society Board

(Please indicate your University of Minnesota School of Dentistry degrees and year earned only)

D.D.S.	<input type="text"/>	Specialty certificate:
G.D.H.	<input type="text"/>	<input type="text"/>
B.S.	<input type="text"/>	Specialty:
M.S.	<input type="text"/>	<input type="text"/>
Ph.D.	<input type="text"/>	<input type="text"/>

You are cordially invited to the

# DEAN'S RECOGNITION RECEPTION

*Celebrating Dentistry* with Patrick M. Lloyd, Dean of the School of Dentistry



## *When & Where*

**NEW DAY!** Thursday, April 10, 2008  
5:30 p.m. to 7:30 p.m.

The Saint Paul Hotel • 350 Market Street, St. Paul

*Appetizers & a cash bar will be available.  
Disability accommodations will be provided upon request.*

## *Honoring the Winners of*

**DISTINGUISHED DENTAL  
ALUMNUS AWARD**

*Thomas L. Sitzer*

**DISTINGUISHED DENTAL HYGIENE  
ALUMNA AWARD**

*Christine Blue*

**41ST ANNUAL CENTURY CLUB  
PROFESSOR OF THE YEAR AWARD**

*To be announced*

## **For More Information or to RSVP:**

Deborah Chapman, Dentistry Administration  
Phone: 612-626-4184 • E-mail: chapm156@umn.edu  
School of Dentistry, 515 Delaware St. S.E.  
Minneapolis, MN 55455

*Presented by The University of Minnesota School of Dentistry and the Dentistry Alumni Society*

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