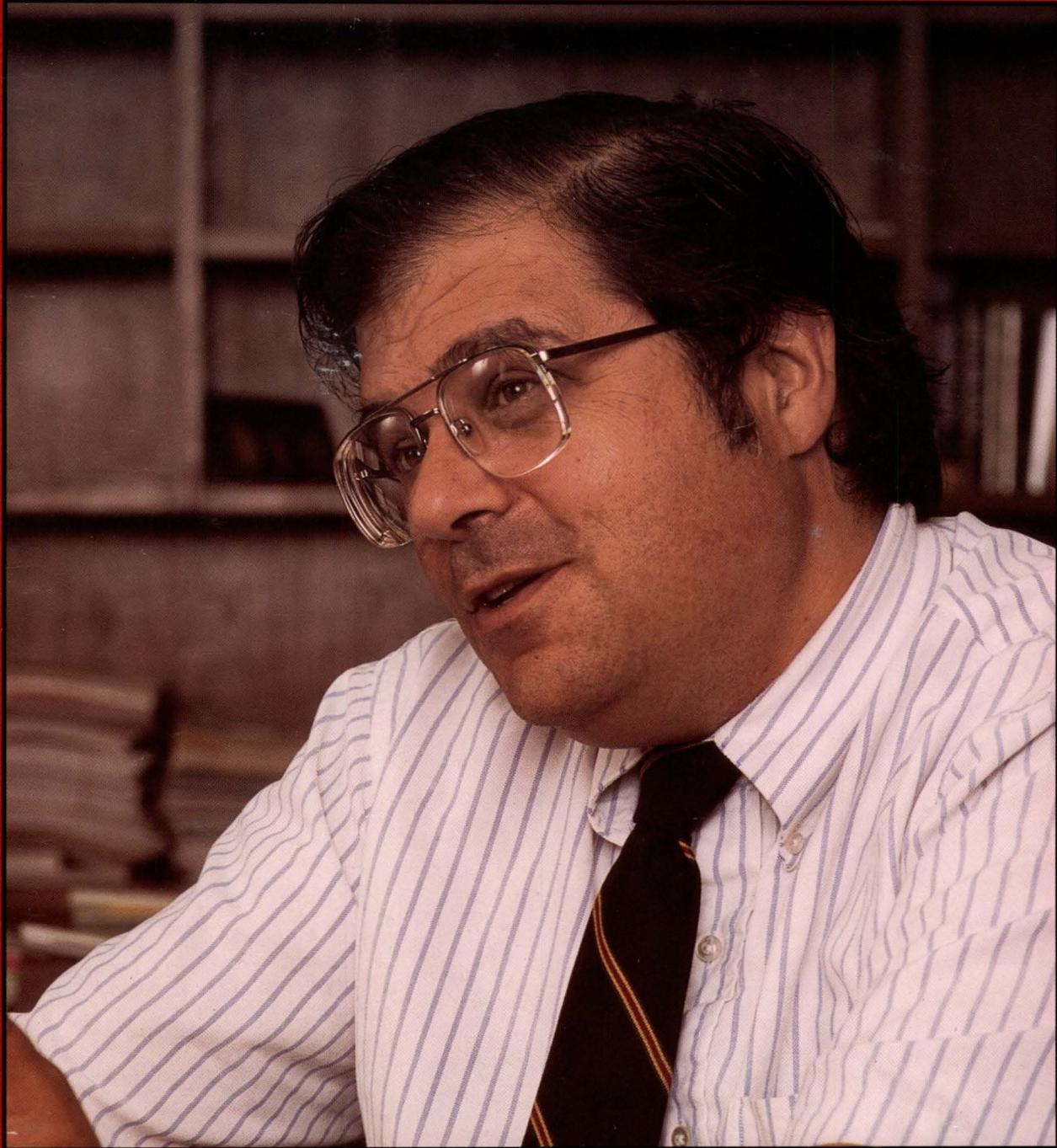


University of Minnesota

Medical Bulletin

A PUBLICATION OF THE MINNESOTA MEDICAL FOUNDATION



Dean Frank Cerra:
Reaching for the Top

Fall 1995

The Minnesota Medical Foundation

supports the research and educational missions of the University of Minnesota Medical Schools by encouraging private contributions.

MINNESOTA MEDICAL FOUNDATION

at the University of Minnesota

ON THE COVER:

Dean Frank Cerra talks about his vision for the Medical School.

Photo by Tim Rummelhoff.

The Minnesota Medical Foundation

was founded in 1939 by a dedicated group of faculty members and medical alumni who saw the need for private support to build a strong future for the Medical School. A non-profit organization, MMF raises and disburses funds for medical education and research at the University of Minnesota Medical Schools in the Twin Cities and Duluth.

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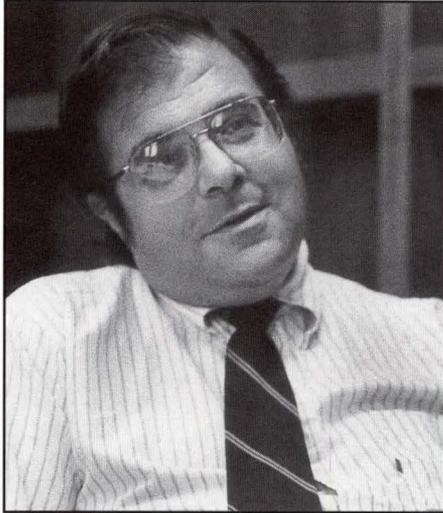


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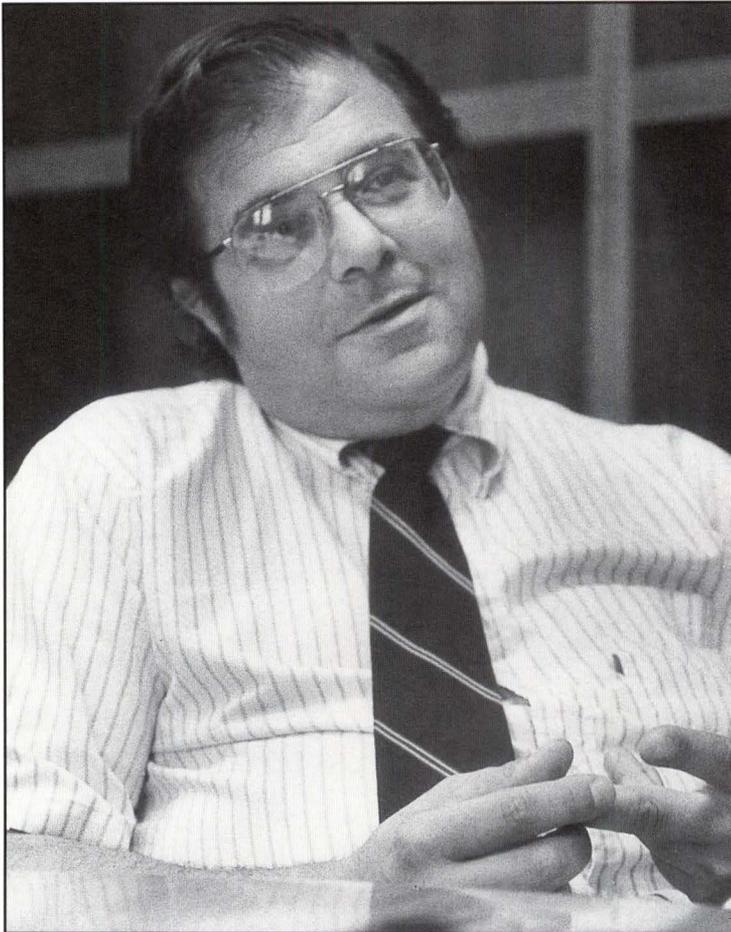
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In Pursuit of the **Top Ten**



by **Jean Murray**
Photos by **Tim Rummelhoff**

Dean Frank Cerra is committed to bringing the University of Minnesota Medical School into the nation's top ten by the year 2000. We asked him to share his views on the present and the future.

Q: What is unique about our Academic Health Center and Medical School?

A: The AHC is unique, in that it has the Medical School, the School of Public Health, the School of Nursing, the College of Pharmacy, the School of Dentistry, and the College of Veterinary Medicine all under one roof and under a single provost. That's unusual.

Second, the faculty of the Medical School is truly unique. They're unique individuals and they're unique collectively in their research expertise, in their commitment to education, and in their commitment to quality patient care.

Another unique thing about this Medical School is the community it serves. The community has very high standards of medical practice, and it's a heavily penetrated managed care market.

Fourth, ours is a public medical school that services the needs of the state and the people of the state, and we primarily educate the physicians of this state. That's unique.

Fifth is the quality of the students. They're simply outstanding — academically, as individuals, and in their commitment to patient care. So as you can see, we're already starting from not only a unique, but a very strong recognized base of quality in the three areas of research, education, and clinical care.

Q: What are your goals for the Medical School and how do you plan to reach them?

A: We want to become one of the top ten medical schools in the nation in the next five years. There are several pieces to consider to get there. The first is to be very much involved in the strategic planning for the AHC which is underway through the provost's office. The second piece involves both short-term and long-term tasks — what I view as essential tasks — which can be summarized in several categories.

The first category is research. We must maintain excellence in research on the individual investigator level, while at the same time promoting multidisciplinary focused research and developing quality leading-edge research programs. We've already started some, such as the neurosciences, human genetics, and others that are in various planning stages throughout the institution.

The second is laterally interfacing research with the community, so that we do both efficacy trials and effectiveness evaluations of therapies. The third is working out, again with the community, effective ways to do outcomes research.

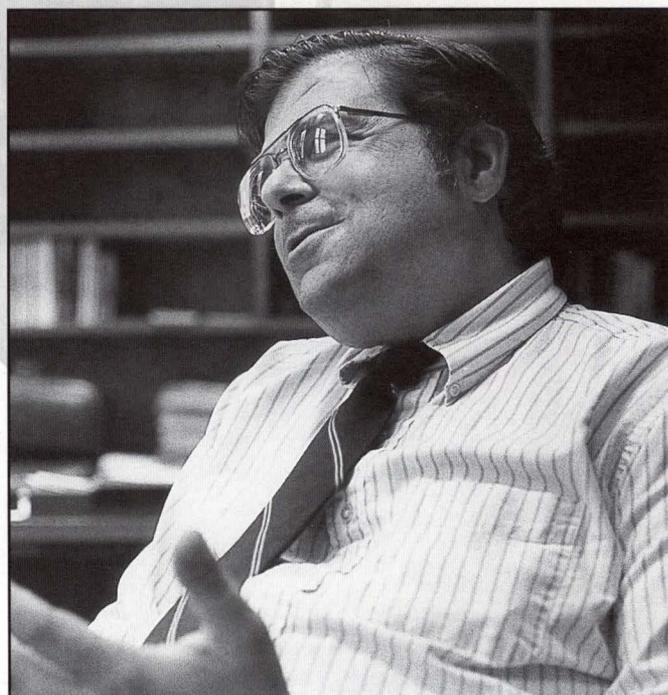
In education, we're going to have to figure out what the workforce needs are, not only for now but for 10 to 20 years from now. What kind of physicians and health care providers do we need to be training? How many? How should we balance primary care and specialty care? How will we best meet the needs of the state, and train the right number of urban physicians, rural physicians, and academic physicians?

Q: How will the Medical School's curriculum have to change?

A: The curriculum will be very different 10 years from now. First, we must develop a managed care curriculum that satisfies students, individuals in graduate medical education, and physicians through continuing medical education that really addresses what managed care is about, what the roles of physicians are in managed care, and begins to branch out into training medical administrators in a very different way than we've ever done.

We also need to build into our curriculum, and this interfaces with research, a whole new portion of the curriculum in the ethics of providing medical care and in the ethics of doing research that develops, I think, greater sensitivities in humanistic concerns for patient care, and greater sensitivity to the ethical issues and regulatory issues of research.

Then we need to begin looking downstream as we start to define the workforce needs — how we should redo the curriculum



In Pursuit of the **Top Ten**

and address primary care, specialty care, and medical administration training in the levels of rural, urban, and academic practice, and in issues related to student, graduate medical education, and continuing medical education.

It's actually going to become an acute issue shortly as the government funding for medical education continues to decline, and we have to really think carefully about how many we're training, who we're training, and what we're training them for.

Q: How will clinical care be affected?

A: In clinical care, or service, we are really going to have to focus on delivering efficient, quality, cost-effective patient care. That includes continuing the programs that have been started in the hospital and in UMCA (University of Minnesota Clinical Associates). We're talking about really changing the culture so that the physicians providing clinical care are used to working in an environment where there are evaluations of performance, where compensation is tagged to performance, and other changes, which is very different from the way physicians have practiced, not only in clinical practice but in education, in research, and in their administrative work. Now that concept isn't new to the rest of the business community, but it's certainly new for us, and is a major shift in the culture.

Q: How will physician training be different?

A: After we've started to develop the workforce need, we will begin to say, "What we really need is to train people in primary care, in medical specialty care, surgical specialty care, and in medical administration." Why medical administration? A number of reasons. In the current market, the customer is the insurance provider, not the patient. In that model, there are a number of needs vertically. One is all the ethical dilemmas this creates for the physicians and the health care

providers in working with patients — how do you deliver good medical care, give patient satisfaction, and meet the goals that have been set out by the managed care administration?

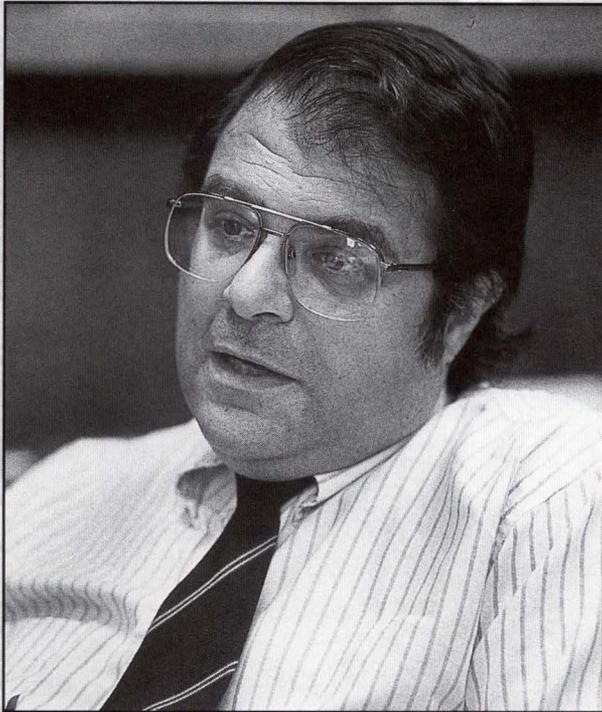
Which means you need physicians and other providers who understand what the managed care delivery system is about in a very different way — everything from the ethical issues to the other end of the spectrum of what is risk management and what is my role in risk management.

Then there's a smaller group of physicians that we truly need to train in medical administration and management, because they need to be involved on the administrative side of managed care. That is something you work into your educational system.

The other parts are that we need to meet the needs of rural Minnesota, urban Minnesota, and the continuing needs to train academics and keep the research and education efforts going, in addition to developing these efficient clinical practitioners.

Q: How can the University work better with the community?

A: There are a number of issues. One is that we need to communicate. We haven't communicated well. We need to communicate openly and honestly what our problems are and how we can get together and solve these problems. I think there are three levels involved — how can we get community involvement in a very real way in education, in clinical training, and in research? I think these are all doable things, not just in outcomes research, effectiveness research, and efficacy research, but in student training, graduate medical education, and in relationships involved with the flow of patients. And I think the community is very willing to participate and work out these things. We just need to be more open, more honest, and communicate better with them to solve the problems that need to be solved.



Dr. Cerra to speak at MMF Annual Meeting

The Minnesota Medical Foundation's Annual Meeting will be held on Wednesday, November 8, at the Radisson Hotel on the Minneapolis campus of the University. Featured speaker will be Dr. Frank Cerra, dean of the Twin Cities campus of the University of Minnesota Medical School.

Q: How do you see your role as dean?

A: I think it's a very interesting position. It's a combination of a lot of things — leadership, administration, management, and the biggest piece to me, service. It involves making the system run well, and in many ways, being transparent. An infrastructure needs to get developed that allows the faculty and the health center to accomplish its strategic mission, yet at the same time do what it needs to do from the administrative and management side, while also providing effective leadership and communication.

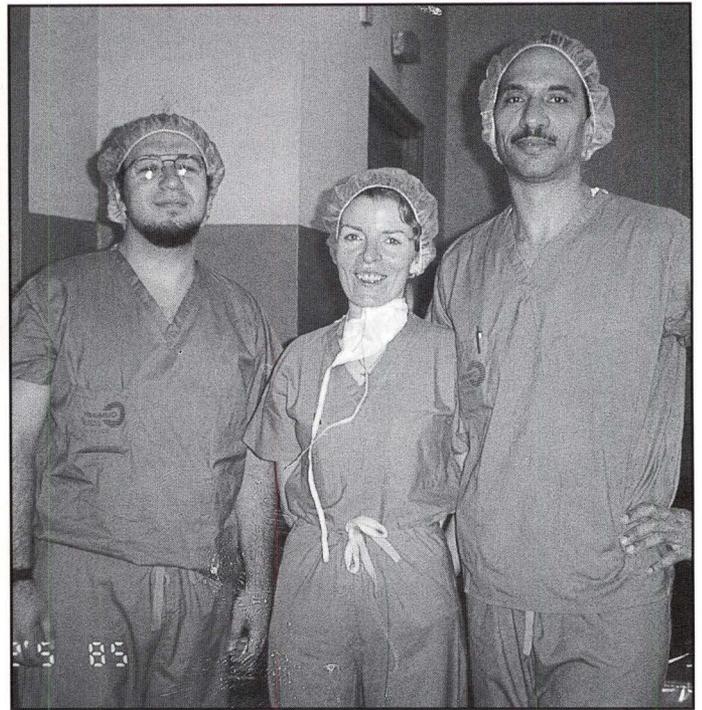
Q: How will the Medical School look in the year 2000?

A: I'm not sure that I know. But I think right now we've got an open canvas, and we need to fill it in. I don't know how it's going to end up, except that it's going to be one of the top ten in the country in the next five years. ■

Cerra became dean of the Medical School on May 16. He came to the University in 1981, and has served as professor and interim chair of the Department of Surgery, director of Surgical Critical Care and Nutrition Support Services for the University of Minnesota Hospital and Clinic, staff surgeon for the University Hospital and St. Paul Ramsey Medical Center, and chair of Physician Managed Care.

Cerra graduated from Northwestern University School of Medicine in 1969. He completed his surgical internship and residency at the State University of New York at Buffalo, and served as assistant and associate professor of surgery at SUNY-Buffalo until coming to Minnesota.

For more information about the Minnesota Medical Foundation Annual Meeting, call 612-625-1440 or 1-800-922-1MMF. ■



Caring, in the Deepest Sense

The International
Hearing Foundation,
an affiliate of MMF,
brings equipment,
expertise, and education
to Senegal, Africa

by Teri Dwyer

Hearing is the deepest, most humanizing philosophical sense man possesses... Deafness means the loss of the most vital stimulus, the sound of the voice that brings language, sets thoughts astir, and keeps us in the intellectual company of man. —Helen Keller

Imagine a country where medical supplies are so scarce latex gloves are cleaned and reused many times, a country where after undergoing major surgery you are laid outside on a straw mat until you are strong enough to go home, a country where the hospitals close at 6:00 p.m. and all of the staff goes home, leaving the patients alone for the night.

This is just what the International Hearing Foundation (IHF) team found when they visited Senegal, a country on the western side of Africa.

Since 1991, the International Hearing Foundation has sent four different teams of doctors to Senegal for a two to three week

stay. The first three trips were co-sponsored by the Twin Cities Rotary Clubs, under the leadership of Dan Hallberg and Dr. Dan Barnett. The visits were not vacations for these doctors, but rather time spent in the clinic and operating room of the Department of Otolaryngology at the University Hospital in Dakar, the capital of Senegal.

The idea for the Senegal project came about inadvertently. In 1984, Dr. Malick Diop, of Senegal, was a senior resident at the University of Montreal in Canada when he heard about Dr. Michael Paparella, a world-renowned expert in otolaryngology. Paparella was the chief of otolaryngology at the University of Minnesota for 18 years before he joined a private practice (Minnesota Ear Head & Neck Clinic, P.A.) in 1985. He is now professor emeritus within the University department and director of the molecular cytology lab.

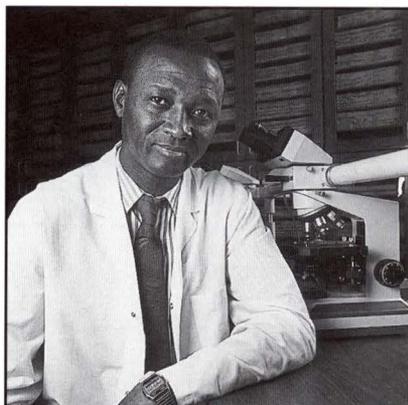
After Diop's one-year senior residency in Montreal, he went back to Senegal for four years. It was in 1988 that Diop first wrote to Paparella about the possibility of Diop coming to Minnesota to study under Paparella. Before coming to Minnesota, Diop had never even heard of the International Hearing Foundation. He chose Minnesota based solely on the reputation of Paparella.

Diop was granted an IHF fellowship and traveled to Minnesota in 1989, where he worked with Paparella and other IHF fellows for one year before returning to Senegal to become head of the Department of Otolaryngology at the University Hospital in Dakar.

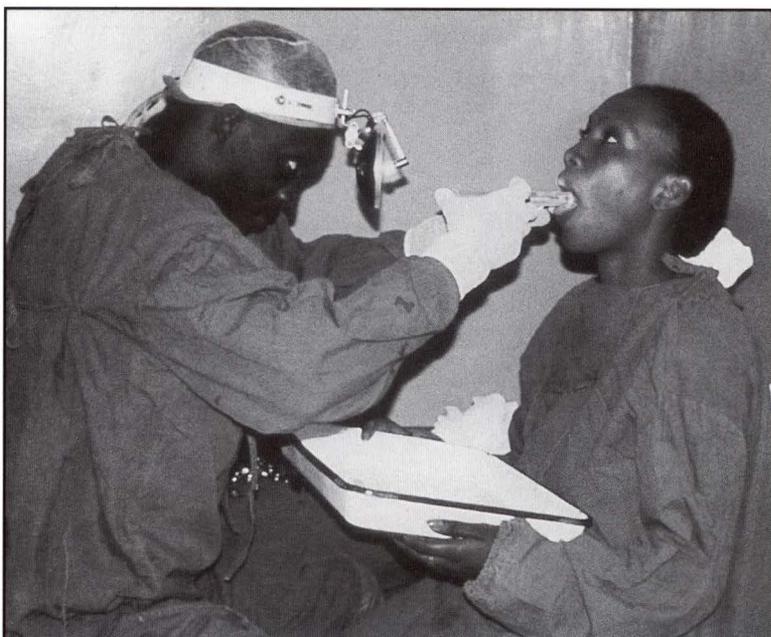
Diop says, "I had heard about Dr. Paparella through medical books and surgical instruments. I knew that Dr. Paparella was a very famous ear surgeon and at that time I wanted to complete my knowledge and my experience about ear surgery. That is why I worked with him."

Paparella has traveled throughout the world, teaching, training, and assisting physicians from many countries in the science of ear pathology. He had never been to Senegal, and therefore could only imagine what conditions could be like in this underdeveloped country.

He tells the story of one of his surgery experiences with Diop when he first came to Minnesota. "We had just finished up with a patient and were in the process of leaving the operating room when I noticed Dr. Diop digging through the cans where we dispose of used surgical instruments. I said, 'Malick, what are you doing?' He said, 'You throw away instruments that we can't even get in my country.' That's when I knew just what kind of conditions he had been working under, and I knew it was time for us to look at how the International Hearing Foundation could get involved."



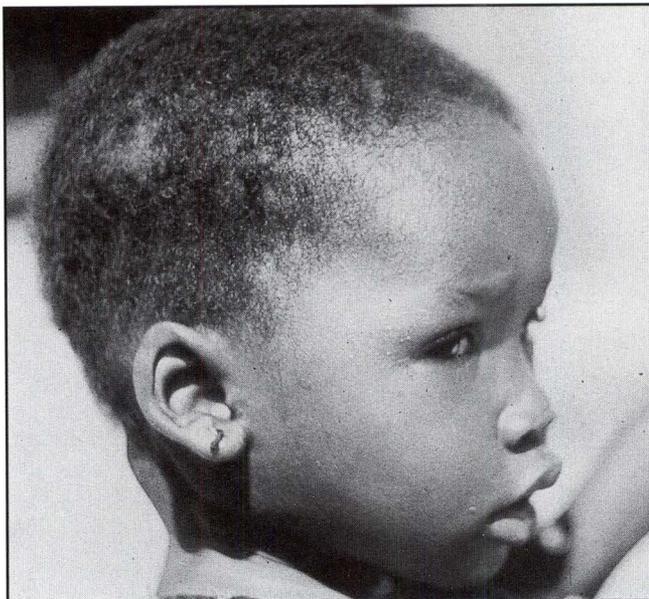
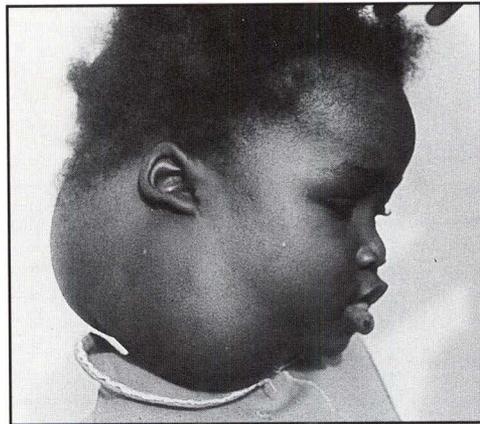
Page 6, left, staff and visiting physicians at University Hospital in Dakar; right, Dr. Oleg Froymovich, Brid Wardlow, Dr. Jesse Wardlow; this page, left, Dr. Malick Diop; below, Dr. Raymond Diouf performs a tonsillectomy using local anesthesia.



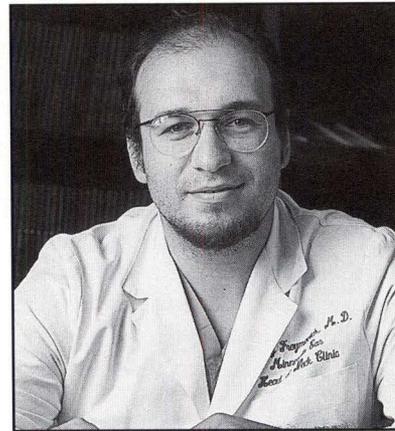
Diop says, "The [Senegal] project was initiated while I was here [in Minnesota]. We started discussing the project and how it would work. Mainly it's based on the cooperation and the assistance and aid to my department in Senegal."

"I came back a few days ago from Senegal and I'm writing this letter to thank you two, the IHF and the Rotary Club of Bloomington, for the great opportunity of being involved together with my associate Maurizio Catalani in your program with the Department of Otolaryngology at the University of Dakar. We had warm and superb hospitality there. Malick Diop was for us not only a very good colleague but also an old friend and did everything to make our stay the best possible." (excerpt from letter to Dr. Paparella and Treva Paparella, executive director of IHF, from Dr. Fernando Mancini of Italy, who was part of the 1993 team sent to Senegal.)

Diop says, "It was very exciting to organize the first trip. I was anxious to know how it would work."



Left, a young Senegalese boy is photographed before and after surgery; below, Dr. Oleg Froymovich.



All of those ENTs are working in Dakar; five of them are working with me." In the United States it would be unimaginable to think of having 15 ENTs for eight million people. And for all of the doctors to be concentrated in one city is even more unbelievable.

trated in one city is even more unbelievable.

Dr. Oleg Froymovich, one of Paparella's partners in the Minnesota Ear Head & Neck Clinic, P.A., was one of a team of medical personnel sponsored by IHF for a trip to Senegal this past winter. It was both a rewarding and frustrating experience for Froymovich. It was rewarding because they were able to help people who desperately needed their updated knowledge of treatment. But it was frustrating because they were not always able to treat patients as well as they would have back home due to the lack of time, equipment, and other medical supplies.

But Froymovich says the experience and personal satisfaction gained were well worth any hardships endured. In fact, he is hoping to return to Senegal in the future, perhaps to stay longer this time, and help out again.

Froymovich speaks very highly of the staff physicians in Senegal. He says, "These doctors were very well trained. They simply do not have access to the latest techniques and the proper medical equipment. They are also overworked. They have far more patients than they have hours in the day to treat them."

When asked how the teams of foreign doctors overcome the cultural barriers, especially with regard to language, Diop replied, "We [the people of Senegal] speak French as our language. But our doctors can speak English. We succeeded in communication." Talking with the patients was another story altogether. Diop says the Senegalese doctors translated for the IHF doctors, trying not to change the meaning.

Dr. Jesse Wardlow was Froymovich's partner in the 1995 Senegal trip. Both of the physicians were assisted by Wardlow's wife, Brid, who is a critical care nurse. Brid was

When Diop returned to Senegal he had a lot of work to do before the first IHF team arrived in 1991. "We had to select patients who could be seen by the team, which was coming from the United States. We had to select them and to show them to the first team of doctors. After that we scheduled some of those patients. Not all of them were operated on but all of them were at least seen and we got advice for all of the patients who were not treated. I think it was a very interesting and useful experience," says Diop.

Choosing which patients should be seen was a difficult task. There were only so many patients who could be treated in the relatively short time the doctors were in Senegal. "The patients were chosen based on the severity of the illness but also the necessity for us to be trained in modern techniques. It was an opportunity for us to be updated in terms of new surgery methods," according to Diop.

Diop describes his department as "a very big department of 50 beds. It is devoted to at least 80 percent of Senegalese people. We have eight million inhabitants in Senegal for just 15 ear, nose, and throat doctors (ENTs).

The International Hearing Foundation (IHF) was founded in 1985 as a way to encourage the private sector to support hearing research, education, and charitable service. IHF became an affiliate of the Minnesota Medical Foundation in 1993.

IHF supports both clinical and basic otological research at the University of Minnesota's Department of Otolaryngology, with special emphasis given to the Otopathology Laboratory. The organization promotes advanced educational opportunities for professionals including IHF fellows, clinical fellows, visiting fellows, temporal bone dissection courses, meetings, and symposia.

IHF is involved with many different programs in addition to the Senegal project. Some of these activities are:

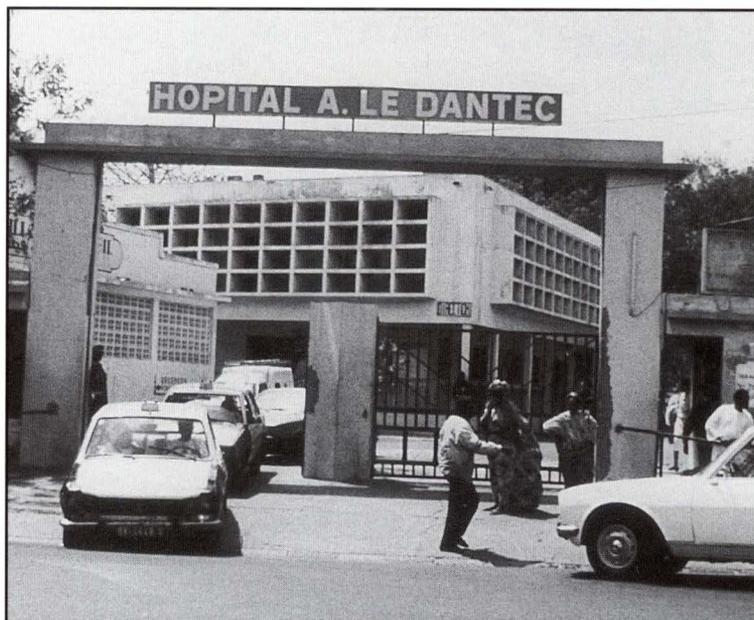
- Meniere's and Tinnitus support groups
- Celebrity Golf Tournament
- Free hearing aids to needy children
- Research grants
- Chilean deaf children project

For more information, please call the International Hearing Foundation at 612-339-2120.

the only one of the three of them who understood French and was also very helpful because of her medical training and her knowledge of medical equipment.

"Dr. Diop had prepared for us a large number of patients with otological problems and we had the opportunity to see patients in the clinic and to perform 25 surgical procedures on the middle ear... We also gave some lectures to the doctors and residents of the department on indications of surgery and pathology of chronic ear disease... Dr. Malick Diop and his associates as well as all the residents joined us during surgery and were of great help in our work there." (Mancini letter)

The benefits of this exchange are numerous, not only for Diop, his colleagues, and the people of Senegal but also for people throughout Africa because Diop's department trains physicians from across the continent. "Through the cooperation with the International Hearing Foundation,



The hospital in Dakar, Senegal.

many African doctors are trained and go back to their country with that training and they use it for their own populations," he says.

"We do profit very much, not just in terms of medical supplies and assistance but most of all by education. Once a year, the foundation sends us a medical team with a lot of medical supplies. That team comes and stays for about two weeks, teaching young medical doctors, even old medical doctors, and treating patients and also helping us in terms of research. So it's a project of education and help in terms of treatment," says Diop.

Another source of material support for Senegal has come from Dr. Elizabeth Payne, of Affiliated Otolaryngologists in Minneapolis. After hearing of the problems in Senegal, Payne began sending antibiotics to Diop. She has continued to do this for four years and at one time even sent a much needed surgical drill.

The physician exchange program has also proven to be an invaluable experience for the many physicians from different countries who have traveled to Senegal, and for the International Hearing Foundation.

Through this project many IHF doctors are able to see cases of ear disease that they previously had only read about in books. The Senegalese population suffers from many diseases that are no longer common in developed countries such as the United States. Also, because of cultural differences, the Senegalese people don't readily seek the help of a physician. The visiting doctors are seeing some cases that



IHF teams sent to Senegal

1991, U.S. team

Drs. Neil Sperling & Jordan Stern

1992, Brazilian team

Drs. Sady daCosta, Luiz deSouza & Ricardo Kroef

1993, Italian team

Drs. Maurizio Catalani & Fernando Mancini

1995, U.S. team

Drs. Oleg Froymovich & Jesse Wardlow

1996, Brazilian team

Drs. Marcelo Piza & Marcelo Hueb

Surgery is performed at the University Hospital in Dakar.

would never have become severe if the people had better access to health care.

"Despite the relatively idyllic picture, problems at the Department of Otolaryngology are unbelievable.

Almost everything is missing and what they have is old or obsolete or badly kept.

Videos or photographs cannot depict the real situation.

The building is in disrepair and sometimes they are without water or electricity.

Anesthesia is given by nurses

alone because there are only seven anesthesiologists in all of Senegal working mainly in private clinics... In the operating room the instruments are old and overused as are the operating microscopes. The department is facing the ocean and the high levels of salinity and humidity are disastrous for the delicate mechanisms and lenses." (Mancini letter)

Diop recognizes the severity of the problems with medical care in his country. He is grateful for the help of IHF and others, but he knows that long-term they will need the assistance and cooperation of the Senegalese gov-

ernment to make all the changes necessary. "We don't have medical supplies that could help us for our practice and that is a big problem. We need medical supplies and we need also maintenance for our medical supplies. We don't have the items which are needed for treatment of our patients. That is also another aspect of this kind of cooperation [with IHF]. We receive a lot of medical supplies which help us not just treating our patients but also maintaining our techniques. If you do not exercise what you have learned with good medical supplies, you lose it, of course. You have to keep up your knowledge, your experience, by using the adequate medical supplies."

The most amazing part of this project is the way it has brought together so many different otolaryngologists, their staff members, and their respective communities.

The project has been very helpful for Diop and his colleagues in trying to educate their people about the necessity of good medical care and follow-up. "People know they can be treated. Now, instead of dealing naturally with their illness, they know they can find help, and strong help, when they come and see us. Thanks to the International Hearing Foundation and the Rotary Club in Minnesota, people know that now they can find a solution to their problems much more so than before."

While the new equipment, physician help from other countries, and training they have received is wonderful, Diop has a long way to go in his quest for medical care for everyone.

"It can be very frustrating to receive so many patients and not be able to treat them just because of lack of medical supplies. On the other hand, we can be glad to receive help from abroad, to find understanding from abroad, from organizations like the International Hearing Foundation and the Rotary Club. It is in some ways full of hope. It can be a source of satisfaction. We have a strong hope that things will get better and better through this continuing cooperation. That's why I pledge for the conservation of this cooperation."

Diop has been back to Minnesota twice since that first trip in 1988. The last time was from June to September of this year when he was on a Fulbright Scholarship to study once again with Paparella. He talked about how difficult it is to make the decision to come to the United States for extended periods of time. While in the long run his visits are intended to help the people of Senegal, he finds it difficult to leave patients, colleagues, family, and friends for so long. He summed it up well when he said, "There are no roses without thorns." ■

Celebration '95:

Medical School Graduation and Reunions *by Jean Murray*

New physicians and those who have been doctors for more than 50 years celebrated during the first weekend in June. Members of the Class of 1995 completed four years of medical school training and were recognized at the commencement ceremony, and alumni from years past returned to campus to reminisce about their own medical school experiences.

The classes of 1995 and 1945 shared a special moment at the graduation ceremony, as the half-century physicians were honored individually. "This tradition has a vitalizing effect on our alumni and our new generation of physicians," said former Dean Shelley Chou.

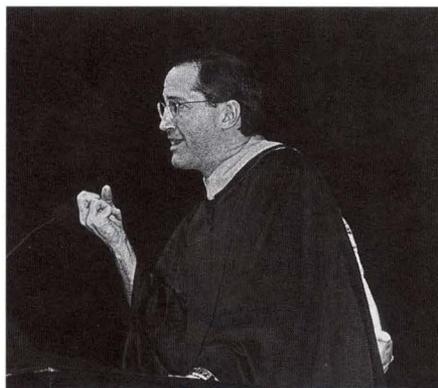


"We have a tradition, we have a purpose, we are physicians and healers together."

Dr. Frank Cerra, new dean of the Medical School, welcomed all guests to the graduation ceremony. Recipients of Minnesota Medical Foundation awards were recognized during the event, and University of Minnesota Outstanding Achievement Awards were presented to Drs. M. Elizabeth Craig, James Hammersten, B.J. Kennedy, and Frederic Kottke.

Futurist David Zach was chosen by the Class of 1995 to be their commencement speaker, and emphasized life-long learning in his comments. He urged the graduates to look for the value in the overwhelming amount of information that is available — to determine what is good and beautiful in the midst of the noise.

"We need more literature and philosophy, not more



Futurist David Zach speaks to Medical School graduates.



management training," Zach said. "We need to look at the horizon to see what else we can do for our community, our world, not just look at the bottom line."

"We need to always keep learning," he emphasized, "and to say 'I don't know.' And we must share our knowledge and take responsibility for educating others. Everyone has a right to knowledge, education, and understanding. Your responsibility is to be part of that life-long



education — to share and to learn,” Zach told the graduating class.

Following the conferring of degrees, the graduates recited the Oath for New Physicians. Class President Pearl Yu congratulated her classmates, and class member Stuart Bloom shared with the audience a poem depicting their medical school experience, titled “An Ode to Us.”

A reception on Northrup Mall followed the ceremony, with families, friends, and faculty offering their congratulations to the Class of 1995.

Alumni celebrate

Medical School alumni representing 10 reunion classes thoroughly enjoyed Reunion Weekend '95 — three days filled with events, conversation, and renewing of friendships. More than 600 alumni participated in activities at the University and throughout the Twin Cities, which included everything from campus tours and visits to old neighborhoods to trips to the Mall of America and Canterbury Park Racetrack.

The weekend began with the Class of 1995's First Reunion Graduation Party, hosted by the Medical Alumni Society and the Minnesota Medical Foundation. The evening is an opportunity for class members to gather one more time before leaving for their residency sites around the country.

Events for returning alumni began with a welcome reception at the campus Radisson Hotel on Thursday evening. On Friday, Half-Century Club members wel-



Left, the Class of 1945 joins the Half-Century Club; above, Dr. and Mrs. Harvey Knoche are recognized at the commencement ceremony.

comed the Class of 1945 into their ranks at the Half-Century Club Luncheon. Membership in the club is limited to those alumni who have celebrated their 50th class reunion.

New Medical School Dean Frank Cerra was guest speaker at the luncheon, sharing his vision for the Medical School with the Half-Century Club members and answering their questions. The group was also treated to a presentation by Larry Millett, author of *Lost Twin Cities*. Many in the audience recognized the buildings and neighborhoods shown in Millett's slides.

Campus, hospital, and Medical School tours, and Medical School graduation, kept alumni busy during the afternoon, and in the evening they attended the second annual Deans' Reception and Dinner. The event gave returning alumni an opportunity to visit with new Twin Cities Medical School Dean Frank Cerra and UMD School of Medicine Dean Ron Franks.

On Saturday morning, many alumni attended New Horizons in Minnesota Medicine, an annual continuing medical education (CME) event highlighting Medical School faculty. This year's presenters included Dr. Daniel Mareck talking about the Rural Physician Associate Program; Dr. Leonard Wilson from the History of Medicine Department; Dr. Valerie Ulstad discussing cardiovascular disease in women; Dr. William Brody speaking about challenges for today's Academic Health Center; Dr. Patrick Schlievert



Diehl Award winners Drs. Melvin Sigel and Stanton Hirsh.

sharing information on flesh-eating streptococcal disease; and Dr. Jay Cohn discussing new concepts in cardiovascular medicine.

On Saturday afternoon a number of alumni attended an Estate Planning for Physicians seminar, while members of the Class of 1945 were special guests at the University President's Eastcliff residence.

The Reunion Dinner and Program Saturday evening was the cornerstone event of the weekend, bringing together Medical School alumni from throughout the country. A highlight of the evening was the presentation of Diehl Awards to Drs. Stanton A. Hirsh and Melvin E. Sigel.

Reunion Weekend '96 is being planned for June 6-8, 1996, with special celebrations for the classes of 1946, 1951, 1956, 1961, 1966, 1971, 1976, and 1986. Those interested in helping plan their reunions should contact the Medical Alumni Office at 612-625-8676 or 1-800-922-1663.

Diehl Award winners

The Medical Alumni Society selected Drs. Stanton A. Hirsh and Melvin E. Sigel as recipients of the 1995 Harold S. Diehl Award. The awards are given in honor of the University of Minnesota's fifth dean, Dr. Harold Sheely Diehl, and are presented to individuals who have made outstanding professional contributions to the Medical School, the University, and the community.

Dr. Hirsh, Class of 1945, has been a vital part of the Crookston, Minnesota, community since 1953, the year he began his general internal medicine practice there.

"Although he practiced as a general internist, Dad also served as a pediatrician until one could be hired," says

Harold S. Diehl Award recipients

- 1962** Owen H. Wangensteen, '21
- 1963** Donald J. Cowling
Charles G. Sheppard, '35
- 1964** Vernon D.E. Smith, '30
- 1965** Karl W. Anderson, '23
- 1966** J. Arthur Myers, '20
- 1967** Theodore R. Fritsche, '30
- 1968** Walter H. Halloran, '15
Anderson C. Hilding, '18
Carl H. Holstrom, '29
- 1969** Karl R. Lundeberg, '25
- 1970** Robert N. Barr, '30
LeRoy J. Larson, '20
- 1971** William C. Bernstein, '27
J.C. Grant, '42
- 1972** J. Richards Aurelius, '22
Barbara M. Puumala, '59
Marie Bepko Puumala
Reino Puumala
Ricard R. Puumala, '59
- 1973** Phillip Halenbeck
Olga Hansen Litzenberg, '15
- 1974** Ann Arnold
Roger A. MacDonald, '46
Carl O. Rice, '25
R.S. Ylvisaker, '26



Left, Dr. Charles Haberle greets classmates from the Class of 1945; below, Dr. Donald Hirsh and his father, Diehl Award winner Dr. Stanton Hirsh.



Diehl Award winners, continued

- 1975** Reuben Berman, '32
Bror F. Pearson, '31
Lawrence Richdorf, '20
- 1976** Milton M. Hurwitz, '39
Leonard Lang, '28
Russell O. Sather, '32
- 1977** Ruth E. Boynton, '20
Virgil J.P. Lundquist, '42
- 1978** Lester H. Bendix, '28
Herman E. "Tiny" Drill, '29
- 1979** Miland E. Knapp, '29
Harold E. Wilmot, '23
- 1980** Helen L. Knudsen, '43
Donald E. Stewart, '37
- 1981** Eva Jane (Ostergren) Larson, '38
Carl Ragnar Wall, '27
- 1982** Stuart Lane Arey, '31
Kristofer Hagen, '42
- 1983** John J. Eustermann
John J. Regan, Sr., '43
- 1984** Arnold S. Anderson, '43
John W. Anderson, '51
- 1985** Kenneth W. Covey, '43
Frank E. Johnson, '43

his son Tom Hirsh, M.D. "He also performed autopsies as the medical examiner, functioned as the nuclear medicine department, and was instrumental in developing both the coronary care unit and the respiratory care unit at the local hospital." Dr. Hirsh cared for most of the neighborhood children, making housecalls whenever needed.

Dr. Hirsh's pioneering heart screening clinics, held in 1971 and 1978, were among the first outreach efforts in rural Minnesota to identify those at risk and educate the community on ways to prevent heart disease. Two-thirds of the men in the area participated.

In his retirement, Dr. Hirsh has shared his techniques of history taking and physical diagnosis with medical students at the University of North Dakota Medical School, the University of Florida College of Medicine, and the University of Arizona College of Medicine — on a volunteer basis — and has assisted faculty members as well.

He has also been extremely active in the Crookston community, serving on the school board and developing programs in sailing and ice skating for area young people.

Three of Dr. Hirsh's four children are graduates of the University of Minnesota Medical School; the fourth is a research scientist trained at Yale.



Above, left, UMAA Executive Director Margaret Carlson, Dr. and Mrs. Ben Fuller; right, Dr. K. James Ehlen, chair of the Class of 1970 reunion.

Dr. Melvin E. Sigel, Class of 1956, is a native of Duluth and attended UMD as an undergraduate. Following his medical school graduation and his internship, he joined the U.S. Army where he served as an ear, nose, and throat specialist (ENT). In 1963 he completed a surgical and otolaryngology residency at the University of Minnesota, and spent the following year at the University of Zurich conducting head and neck cancer research under the auspices of the National Institutes of Health.

In 1964 Dr. Sigel returned to Minneapolis, and since that time has been in active practice at the Minneapolis Ear, Nose & Throat Clinic, where he is a senior member. In addition, he has been a member of the clinical faculty of the University of Minnesota Medical School since 1964, currently serving as clinical professor in the Department of Otolaryngology.

Dr. Sigel also served as chief of the Department of Otolaryngology at Hennepin County General Hospital (now Hennepin County Medical Center). While there he established the Melvin E. Sigel Otolaryngology Fund to further ENT education in Hennepin County. The fund has led to the development of the Melvin E. Sigel Voice Lab at HCMC and has been used by the University's Department of Otolaryngology to award the Melvin E. Sigel Outstanding Resident Teacher Award each year.

A long-time musician, Dr. Sigel has always been supportive of the University of Minnesota Music Department. He not only helped raised funds for the Concert Band Ensemble's trip to China in 1980, but served as group physician and played in the trumpet section during the historic visit. ■

Diehl Award winners, continued

- 1986** A. Boyd Thomes, '42
- 1987** Marcy L. Ditmanson, '54
Malcolm M. Fifield, '50
- 1988** Chester A. Anderson, '44
Robert B. Howard, '44
Arnold J. Kremen, '37
- 1989** Howard L. Horns, '43
Austin M. McCarthy, '42
- 1990** M. Elizabeth "Peggy" Craig, '45
John P. Stapp, '43
- 1991** Dorothy Bernstein
Irving C. Bernstein, '42
- 1992** Frederic J. Kottke, '45
William A. O'Brien, Jr., '46
- 1993** John I. Coe, '45
Howard B. Burchell
- 1994** Tague Clement Chisholm
N.L. "Neal" Gault, Jr., '50
- 1995** Stanton A. Hirsh, '45
Melvin E. Sigel, '56

Investing in the Future: Medical Student Scholarships

There is a critical need for scholarships for medical students. Tuition and fees for first-year, Minnesota-resident students are \$15,216 with total annual budgets of approximately \$27,000. Tuition and fees for non-residents are \$29,712. In order to maintain the high quality of physicians graduating from the University of Minnesota Medical Schools, the Minnesota Medical Foundation has made scholarship support a top priority. In each issue of the *Medical Bulletin* we will profile a scholarship currently given through the Minnesota Medical Foundation.

The Dr. Richard A. and Mari Carlson Scholarship Fund

Even though medical school was significantly less expensive 25 years ago when Dick Carlson was enrolled, he was still grateful for the scholarship he received from MMF. His roots in Lindstrom, Minnesota, qualified him for the East Central Minnesota Medical Scholarship, and scholarships have been important to Carlson ever since. Now instead of being the recipient, he is on the giving end with the establishment of the Dr. Richard A. and Mari Carlson Scholarship Fund in 1993.

“Scholarships are critically important for medical stu-

dents,” says Carlson. “We really need to focus on helping the students. They have huge debt levels when they graduate. We need to minimize the financial burden, so students don’t have to make decisions on where they go to school or what they specialize in based on financial concerns.”

Carlson firmly believes that the high quality of health care in Minnesota is due to the University of Minnesota. “There have been so many medical pioneers at the University,” he says, “and there is such a commitment to serving the state of Minnesota.”

“It is very important to maintain the high quality of the University of Minnesota Medical School,” says Carlson, “and to continue serving the state. To do this we need to be able to attract the brightest, most highly qualified students. We must continue to be competitive with other schools from a standpoint of financial assistance available to students or they will go elsewhere. We need good students coming through our Medical School or it will adversely impact the health care in our state.”

Carlson has been involved with the Medical School and the Minnesota Medical Foundation throughout his career. He was president of the Medical Alumni Society in the mid-1980s, and was a member of the Executive Committee of the very successful Centennial Scholarship Campaign which raised more than \$10 million for scholarships as a tribute to the Medical School’s 100th anniversary.

Susan Potts Sloan was the 1994 recipient of the Carlson Scholarship. A “non-traditional” student, Sloan balances medical school with raising her five children. She is a member of the Class of 1998, and says she is “absolutely thrilled to be at the University of Minnesota.”

Sloan grew up in a rural part of Tennessee, but has adopted Minnesota and hopes to stay here to become a family practice physician in a rural area. She has wanted to be a doctor from the age of four, and says the physician who cared for her family during her growing up years was a wonderful role model.

The Carlson Scholarship came at a very opportune time, says Sloan. “We had just moved to

Minnesota with five children and budgets were very tightly stretched. The scholarship enabled me to buy books that I desperately needed. I had been borrowing them or using the library. It’s so important to have the proper tools to work with.”

Sloan calls her medical school experience at the University of Minnesota an opportunity of a lifetime. “Many schools would not give an older woman with children a chance, but at Minnesota they felt that my previous life experiences were a plus. There is really a different feeling here — they didn’t accept me in spite of my situation, but because of it.”

She is very grateful to the University of Minnesota and to Richard and Mari Carlson for helping her fulfill her dream. ■



*Dr. Richard Carlson
and Susan Potts Sloan*

“We need good students coming through our medical school or it will adversely impact the health care in our state.”

he says. “There was a doctor in Lindstrom — everybody called him ‘Doc’ Albright — who I thought was great. He was a real role model.”

In high school, Carlson acquired the same nickname, since all his friends knew he planned to become a doctor. In the 9th grade he decided he would attend St. Olaf College, Northfield, Minnesota, as an undergraduate, due to its excellent reputation in preparing students for medical school.

“Another very special thing happened when I was in high school,” remembers Carlson. “My Dad had managed to set up an interview for me with a dean at the University Medical School, to talk about careers in medicine. It turned out to be with Mead Cavert (former associate dean of the Medical School), who has been a significant influence on me ever since. I came away from that interview

sary in 1988. He is currently on the board of trustees of MMF and chairs the Student Aid and Development committees.

Medicine was part of Carlson’s plan long before he entered medical school. “I decided in the 4th grade I wanted to be a doctor,”

totally convinced that medical school was what I wanted to do.”

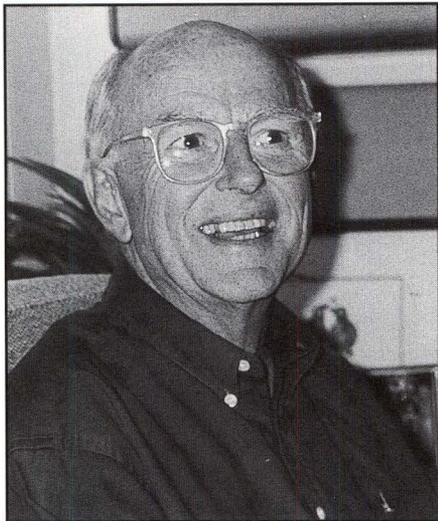
Carlson and his wife, Mari, met at St. Olaf and were married following graduation. “It was much easier to make ends meet back then,” he says, “not like the way it is for many students today. We could get by without always worrying about money.”

Carlson graduated from the Medical School in 1972, and then went to the Mayo Clinic for his internship and residency. It was at Mayo that he decided on a career in diagnostic radiology. He is currently a partner at Suburban Radiologic Consultants, Ltd. and on staff at Fairview Southdale and Fairview Ridges hospitals, all in the Twin Cities area. He loves the practice of medicine, and knows he made the right career decision. He strongly encourages young people to consider medicine, including his own daughter.

“The fundamental reasons for going into medicine haven’t changed,” Carlson says. “Although the financial rewards of being a physician may be changing, the most important reasons, such as helping others in need, will not change.” ■

**Kersey named
Cancer Center director**

Cancer Center acting director and holder of the Children's Cancer Research Land Grant Chair in Pediatric Oncology, **Dr. John Kersey**, has been named director, following a nationwide search.



Dr. John Kersey

As director, Kersey will continue his efforts to integrate cancer research, patient care, and education. His first tasks will be to fill the Tickle Family Chair in Breast Cancer Research and the Win and Maxine Wallin Chair in Cancer Genetics and Prevention. He looks forward to the opening of the new Masonic Cancer Research Building in February 1996.

Kersey, who helped create the University's bone marrow transplantation program and now

serves as its director, is an internationally renowned researcher of childhood leukemia and bone marrow transplant. He graduated from the University of Minnesota Medical School in 1964 and has been on the faculty since 1971. ■

Early treatment of Lyme disease is important

Dr. Jesse Goodman, associate professor of medicine, says it is vitally important to treat Lyme disease with antibiotics soon after the telltale rash appears, even before confirmation from blood tests. The infection can spread to the joints, heart, or central nervous system if early treatment is not undertaken.

Goodman, who specializes in infectious diseases, was the chief author of an article in the *American Journal of Medicine* in July. He reported that he and his colleagues used a DNA technique to detect the Lyme disease bacteria in the blood of 14 of 76 patients who had early symptoms of Lyme disease.

He doesn't believe most people who think they have Lyme disease should have the DNA test. It is best to go

with a doctor's judgment rather than wait for the lab test. He also cautioned against overtreatment, and says people who have been bitten by deer ticks shouldn't undergo antibiotic treatment unless they have symptoms, such as a rash. ■

U approves new clinical programs center

Plans for a Molecular and Cellular Therapeutics Center in the Minnesota Anti-Lymphocyte Globulin (MALG) facility on the St. Paul campus were approved by the University of Minnesota Health Systems Board of Governors. The center will house three clinical programs including gene therapy, cell therapy, and biotherapy. The Biological Processing Technology Institute (BPTI) will be a fourth program in the building.

No other university in the United States has a facility of this caliber for producing biological agents. Provost William Brody called the building a world-class facility with the potential to become a regional and perhaps national resource while retaining many benefits for the University. ■

U epidemiologist fights resistant tuberculosis

Dr. Philip Lowry, an assistant professor of epidemiology in the School of Public Health, has been researching a way to combat the emergence of a deadly, drug-resistant strain of tuberculosis.

Bacillus calmetteguerin (BCG) is a vaccine that Lowry hopes will be the key to changing TB's course. Most countries already have BCG but Lowry thinks medical professionals worldwide are using it inappropriately.

Millions of people in both developed and underdeveloped nations are overusing antibiotics, Lowry says, and that is triggering the evolution of drug-resistant strains. He hopes his research will ultimately encourage the Centers for Disease Control and Prevention to recommend smaller doses of BCG to curtail the upswing in drug-resistant TB all over the world. ■

DEPARTMENTAL UPDATES

Bioethicist joins U's Center for Biomedical Ethics

Dr. Steven Miles, a local authority on end-of-life issues, joined the nationally recognized University of Minnesota Center for Biomedical Ethics in June as an associate professor.

Formerly, Miles was an internist and gerontology specialist at the Hennepin County Medical Center. He joined the University Center because he wanted to devote more time to biomedical ethics.

Miles will focus much of his energy on examining the complex issue of managed care at the end of life. He also will continue his clinical work at Health Partners in Minneapolis. ■

U begins new therapy for hereditary disease

The U.S. Food and Drug Administration has granted permission to the University of Minnesota to begin using human gene therapy for the first time to treat a hereditary disease.

University scientists plan to use harmless viruses to deliver corrective genes into the white blood cells of two adult volunteers with Hunter syndrome. They hope the genes, which will replace genes that are missing or not functioning properly, will begin producing an enzyme needed to recycle complex carbohydrates.

The gene therapy program trial is the first approved at the University of Minnesota and the first approved for Hunter syndrome. Only six U.S. universities have received FDA approval to manufacture the tamed-virus vectors for gene therapy clinical trial. ■

Anesthesiology

Dr. Paul A. Iaizzo, assistant professor, was named a winner of the prestigious John Tate Award for Excellence in Academic Advising. He is the first Medical School faculty winner of this award since its inception in 1986.

The department is co-sponsoring an international symposium in anesthesiology, pain management, and critical care this December in Bombay, India. Six University of Minnesota faculty are invited speakers.

Biochemistry

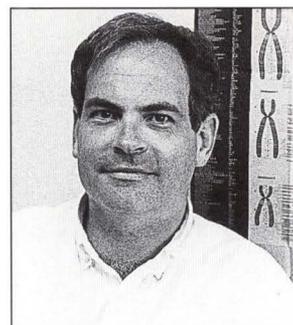
Dr. Michel M. Sanders, associate professor, received a grant of \$454,233 from the National Institutes of Health (NIH) for a project titled "Cell-specific hormonal regulation of gene expression." **Dr. Petras Dzeja**, research associate, received a grant of \$48,000 from the American Heart Association, Minnesota Affiliate, for a project titled "Integral role of catalytic phosphoric transfer in regulation of heart energy metabolism assessed in gene deleted mice."

Dermatology

Dr. Mark Dahl, professor, has been named head of the department, replacing **Dr. Peter Lynch**. Dahl graduated from the University of Minnesota Medical School in 1968, and joined the faculty in 1974. He has recently served as president of the American Academy of Dermatology, vice president of the Society for Investigative Dermatology, and is editor of *Current Opinions in Dermatology*.

Laboratory Medicine & Pathology

Dr. Harry Orr, professor and holder of the MMF Stone Professorship in Heart Disease, has been chosen to receive the prestigious Kilby Award in recognition of his collaborative research effort with Huda Zoghbi, Baylor, that resulted in the discovery of the gene responsible for ataxia. He was also awarded a major program project grant to study inherited



Dr. Harry Orr

Departmental Updates, continued

spinocerebellar ataxias by the National Institute of Neurological Disorders and Stroke.

Drs. Herb Polesky and **John H. Kersey**, professors, were honored at Medical Alley's tenth annual awards banquet in March. Polesky was the winner of the Excellence in Health Care Delivery Award for his role in making the Memorial Blood Center one of the leading blood centers in the nation. Kersey received the Lifetime Achievement Award for his pioneering work and leadership role in the field of human leukemia and lymphoma and bone marrow transplantation.



Dr. Stan Finkelstein

Dr. Patricia Ferrieri, professor, was appointed to a six-year term on the Basil O'Connor Grants Review Committee of the March of Dimes. **Dr. Stan Finkelstein**, professor, is section editor on artificial intelligence in a new book published by CRC Press, Inc. called *The Biomedical Engineering Handbook*. **Dr. Craig Litz**, assistant professor, received notification of a Clinical Investigator Award from the National Cancer Institute for his study of duplication of M-BCR in patients with chronic

myeloid leukemia. **Dr. Ronald McGlennen**, assistant professor, was awarded a Clinical Oncology Career Development Award from the American Cancer Society. **Dr. Daniel Mooradian**, assistant professor, was awarded a grant from the North Star Research Foundation Innovation Fund. The fund is designed to foster technology transfer at the University of Minnesota by assisting in the development of University/faculty inventions with commercial potential. It will support work in Mooradian's laboratory on the development and testing of a peptide/biomaterial "hybrid" vascular graft.

A proposal for a Center for Immunology submitted by **Drs. Matt Mescher**, professor and holder of the Helen and Milton Kimmelman Land Grant Chair in Fundamental Immunobiology, **Tucker LeBien**, professor, and **Marc Jenkins**, associate professor, microbiology, and **Lawrence Schook**, professor, veterinary pathobiology, received a \$50,000 grant from the University of Minnesota Interdisciplinary Research and Post Baccalaureate Education Program. The center will serve

as a focus for immunology graduate education, provide for coordination of immunology activities involving faculty from over seven colleges and 13 departments on the Twin Cities and Duluth campuses, and serve as a vehicle for raising extramural funds to support immunology research.

Dr. Robert E. "Andy" Anderson, professor, was recently elected to the National Board of Medical Examiners (NBME) Executive Board. **Dr. Lynda Ellis**, associate professor, served as a panelist for the 1995 National Science Foundation Graduate Fellowship evaluations this past February. Based on the panel's recommendations, 860 outstanding students will receive three years of graduate support. **Dr. Miguel Azar**, professor, was appointed to the National Institute of Allergy and Infectious Diseases (NIAID) Special Review Committee for Adult AIDS Clinical Trials Groups. **Dr. Khalil Ahmed**, professor, received funding from the National Cancer Institute for his grant "Studies of normal and neoplastic prostate."

Medicine

At the annual Fellows Research Conference, 25 papers were presented. The four winners were: first place: **Steve Snyder, M.D./Oncology**, "Identification of Nucleolin as a Potential Activator of Human Class I Major Histocompatibility Complex Gene Transcription;" second place: **Grant Anderson, Ph.D./Diabetes, Endocrinology & Metabolism**, "A T3 Response Silencing Region of the Purkinje Cell Protein-2 (PCP-2) Gene Blocks Both T3- and 9-CIS Retinoic Acid-Dependent Regulation of Gene Expression;" third place: **David Kendall, M.D./Diabetes, Endocrinology & Metabolism**, "Successful Pancreas Transplantation Restores Epinephrine Secretion and Symptom Recognition During Hypoglycemia;" fourth place: **Hyun Kim, M.D./Pulmonary**, "Type II Cells Migrate on Provisional Matrix Proteins."

Neurology

Drs. Costantino Iadecola, associate professor, and **M. Elizabeth Ross**, assistant professor, have been awarded a \$903,268 grant from the National Institutes of Health for a project entitled "Nitric oxide synthase gene expression and cerebral ischemic damage." The research supported by this grant will focus on the molecular mechanisms of the brain damage produced by stroke.

Obstetrics & Gynecology

Dr. Sharon Norling, assistant professor, will replace **Dr. Peter Lynch** as medical director of Ambulatory Care Services.

Dr. Jonathan Cosin began his gynecologic oncology fellowship on July 1. He comes to the University from Bay State Medical Center where he did his residency. He was also a Galloway Fellow at Memorial Sloan-Kettering Cancer Center.

Pharmacology

Dr. Paul Sammak, assistant professor, has received funding to begin work on three new research projects. **Dr. Stanley Thayer**, assistant professor, was named to the NIAID SPIRAT (Strategic Programs for Innovative Research on Aids Therapies) Review Committee and the National Institute of Child Health and Development Special Review Committee. He is also working on an NIH research project.

Radiology

The department had a good showing at the recent American Roentgen Ray Society meeting, held in Washington in early May. Nine scientific sessions were presented and seven scientific exhibits were accepted. The exhibit of **Drs. Mary Foshager**, assistant professor, and **Smita Sane**, research fellow, received a Certificate of Merit. **Drs. David Lee**, assistant professor, and **Kit Kuni**, associate professor, also had exhibits. **Dr. Chip Truweit**, associate professor, presented a paper and had an exhibit.

Dr. Jose Llerena and colleagues presented a paper. **Dr. Christopher Engeler**, assistant professor, presented two papers. **Dr. Lenore Everson**, assistant professor, and colleagues presented a paper.

The Neuroradiology Department is undergoing some changes with **Dr. Richard Latchaw**, professor, leaving for a position in Miami as head of interventional neuroradiology. **Dr. Chip Truweit** will take over as director of neuroradiology and magnetic resonance. He has recently been awarded a MacArthur Foundation grant for the study of MRI in children and has also been made editor of *Status Information Newsletter* for the American Society of Pediatric Neuroradiology. **Dr. Xiaoping Hu**, associate professor, has been appointed as an associate editor for *IEEE Transactions on Medical Imaging*. **Dr. Lenore**

Everson is involved with many facets of mammography and breast cancer for the American Cancer Society and has been working locally with the Junior League and Friend-to-Friend.

Surgery

Dr. David L. Dunn, professor of general and transplant surgery and surgical oncology and head of surgical infectious disease, is now interim chair of the department. He replaces **Dr. Frank B. Cerra**, who became dean of the Medical School on May 16.

Dr. David A. Rothenberger, director of colon rectal surgery, became president-elect of the American Society of Colon and Rectal Surgeons at the annual meeting in Montreal in May. Rothenberger is clinical professor and chief of the department's Division of Colon and Rectal Surgery. He is also president and CEO of Colon and Rectal Surgery Associates, Ltd., a 12-physician private practice group based in the Twin Cities.

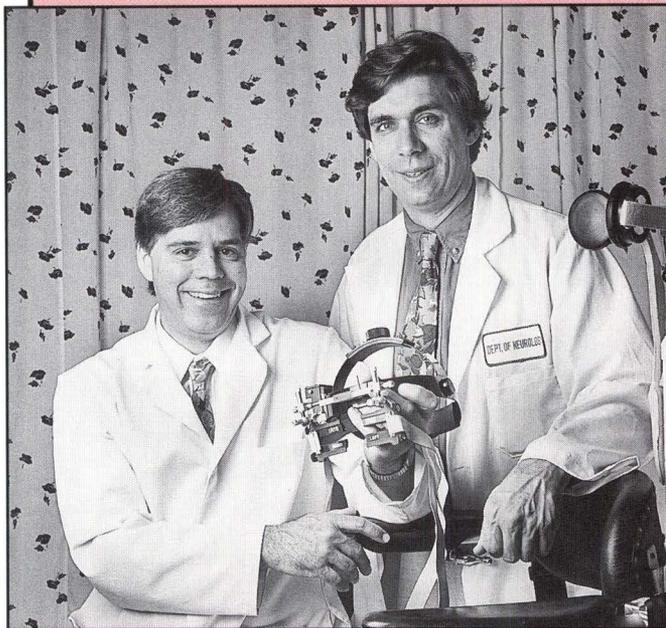
Dr. Susan M. Congilosi, who completed a clinical colon and rectal fellowship this June, received a New York Society of Colon and Rectal Surgeons award in Montreal in May for her paper, "Pudendal Nerve Innervation of a Skeletal Muscle Neosphincter for Fecal Incontinence: A Canine Model."

UMD School of Medicine

The UMD School of Medicine was recognized in a spring issue of *U.S. News & World Report* in the magazine's "America's Best Graduate Schools" survey. UMD tied for second among 125 medical schools in the United States in the number of students entering rural medicine, and was eleventh of 62 medical schools with the highest proportions of graduates entering primary care (family practice, internal medicine, and pediatrics). ■

MMF Grant Recipients: John H. Anderson, M.D., Ph.D. and Christopher Gomez, M.D., Ph.D.

In this age of high-tech medicine, it's hard to believe that two University physicians are part of a team that still makes house calls, of a sort. Imagine having doctors come to your home to allow you and your family the opportunity to participate in a study that may eventually show genetic linkage of a disease. The con-



Drs. John H. Anderson and Christopher Gomez

dition being studied is ataxia, a neurodegenerative disease which is hereditary in about half of the cases. It is characterized by problems with balance, slurred speech, and limb incoordination among other symptoms.

John H. Anderson, M.D., Ph.D., Department of Otolaryngology, and Christopher Gomez, M.D., Ph.D., Department of Neurology, were the recipients of a \$10,000 special grant from the Minnesota Medical Foundation (MMF) for "A mobile eye movement and balance laboratory for field testing of ataxia patients." In total, the MMF board approved \$184,817 in faculty and special grants this past spring (see page 23).

The grant request was the result of two related efforts. One was the Bob Allison Ataxia Research Center, intend-

ed to further research into the clinical aspects of ataxia. The other was a program project grant, which came out of a desire to mesh the clinical and laboratory aspects of ataxia study.

Gomez says, "Dr. Anderson and I developed our own spinoff interests that we knew would greatly aid the clinical approach to the ataxias. We knew that we couldn't carry those out simply at the pace that the program project was moving. What we were going to ask of the patients was much less extensive and would require less time. But at the same time, there was not funding available to bring these people down for these tests."

They realized that their goals would be reached more quickly if they took their study on the road. "To validate our findings and to come to statistically significant conclusions we need to have a large number of patients in different groups. We're in the process now of getting more data for more subjects. These field trips greatly help us in that regard," says Anderson.

Gomez explains the focus of the study. "The two questions that we're aiming at are basically: 1) How are the eye movements and balance systems differentially affected in these genetically different kinds of ataxia? 2) How early can we definitively predict the presence of ataxia in the earliest signs of the disease so we can aid the genetic efforts?"

The immediate goal of this study is not to cure ataxia but rather to study how the disease is genetically linked among members of the same family. In the future, these findings will help in the treatment, earlier diagnosis, or even prevention of the disease. "Treatment is always the number one aim but identifying the genes or the localization of the genes is also very important," says Gomez.

Anderson and his colleagues are in the process of attempting to miniaturize all of the standard-sized equipment they currently use in their laboratory at the University of Minnesota. The lab equipment they use now could not be easily transported between sites. "We're trying to do things in a way that no one else has done. We're trying to use technology or equipment either in a new, novel, unique way or to use equipment that is right out of the factory — it's hardly been tested," says Anderson.

As far as the grant's long-term goals are concerned he says, "Many people will be able to benefit from some of the things that we learn and develop. Many more neurologists and other physicians will be able to take advantage of some of the techniques as well as the insight into the pathology." ■

MMF approves \$184,817 in grants

At its spring quarterly meeting, the Minnesota Medical Foundation board of trustees approved \$184,817 in research and special grants. The amount includes \$65,500 in faculty research grants and \$119,317 in special grants.

FACULTY GRANTS include: **Vincent Barnett, Ph.D.**, Physiology, \$8,000, The structural basis of muscle elasticity; **Gary Birnbaum, M.D.**, Neurology, \$5,000, Heat shock proteins and autoimmunity; **Pankaj Gupta, M.D.**, Medicine, \$8,000, Identification of factors which induce proliferation and self-renewal of multipotential human hematopoietic stem cells; **Ronald Jemmerson, Ph.D.**, Microbiology, \$4,000, Positive selection of B lymphocytes by self antigen; **Harumi Jyonouchi, M.D.**, Pediatrics, \$5,000, Antioxidant vitamin protection against hyperoxic injury of lung epithelial cells; **John Mach, M.D.**, Medicine, \$3,000, Cytokines in delirium; **Vicki Morrison, M.D.**, Medicine, \$3,000, Salivary and urinary immunoglobulin levels in patients with chronic lymphocytic leukemia and monoclonal gammopathies; **Kenneth Roberts, Ph.D.**, Urologic Surgery, \$6,000, Regulation of sertoli cell transferrin gene expression; **Paul Sammak, Ph.D.**, Pharmacology, \$5,000, Mechanism of acceleration of astrocyte cell motility by Lithium; **John Wagner, M.D.**, Pediatrics, \$4,500, Treatment of lysosomal and peroxisomal inborn errors of metabolism by bone marrow transplantation; and **Terri Young, M.D.**, Ophthalmology, \$5,000, The molecular genetics of myopia.

SPECIAL GRANTS include: **John Anderson, M.D., Ph.D.**, Otolaryngology, \$10,000, A mobile eye movement and balance laboratory for field testing of ataxia patients; **Richard Eisenberg, Ph.D.**, Pharmacology, UMD, \$8,317, Equipment for the presentation of computer-driven multimedia classroom productions; **Gregg Fields, Ph.D.**, Laboratory Medicine & Pathology, \$15,000, Capillary electrophoresis for analysis of peptides, proteins, and nucleic acids; **Michael Koob, Ph.D.**, Neurology, \$10,000, Physical mapping and cloning of the spinocerebellar ataxia type 5 (SCA5) region of chromosome 11; **Philip Lowry, M.D.**, Medicine, \$16,000, BCG Vaccine trial: Analysis of cytokine response; **Robert Miller, M.D.**, Physiology, \$30,000, Applications of confocal microscopy to studies of cell structure and function; **Paul Sammak, Ph.D.**, Pharmacology, \$14,000, Mechanism of acceleration of cell motility by Lithium; and **Daniel Vallera, Ph.D.**, Therapeutic Radiology, \$25,000, Flow cytometry and the immune system. ■

Faculty receive Herz Awards

Three Herz Faculty Teaching Development Awards were given to faculty members this year. **Dr. Stanley Erlandsen**, professor, cell biology and neuroanatomy, received the award to develop video instructional tapes for the first-year medical-dental Human Histology course. **Dr. Karen Lofsness**, assistant professor, laboratory medicine and pathology, will further develop an interactive computer tutorial in Abnormal Hematology Morphology. **Dr. Arlen Severson**, professor and head of anatomy and cell biology at the University of Minnesota, Duluth (UMD) School of Medicine, received support to develop an instructional program that will facilitate learning human cross-sectional anatomy.

The Herz Faculty Teaching Development Awards, established by the late Malvin E. Herz and his wife, Josephine, are presented to encourage University of Minnesota Medical Schools faculty to pursue projects which will improve their teaching methods and skills. The Honors and Awards Committee of the Minnesota Medical Foundation selected the recipients from proposals submitted by the faculty. Preference is given to faculty members who have demonstrated interest in teaching, leadership, creativity, and innovation in education. ■

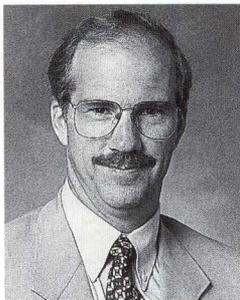
Awards presented at UMD

Awards of excellence are presented to faculty and students of the University of Minnesota, Duluth (UMD) School of Medicine at the end of each school year. This year, **Dr. Arlen Severson** received the Year One Basic Science Teacher of the Year Award and **Dr. Arthur Aufderheide** was the winner of the Year Two Basic Science Teacher of the Year Award. **Dr. Richard Hellman** received the Clinical Science Teacher of the Year Award.

Krista Ulbjerg was the winner of the Herbert G. Lampson Award, given to the outstanding female sophomore medical student. The award is presented in memory of Dr. Lampson, a former St. Louis County health officer who was one of the first physicians to effectively study the incidence and epidemiology of tuberculosis in Minnesota. **David Klee** received the Laird W. and Mary C. Lampson Award, given to the outstanding male sophomore medical student in memory of Laird and Mary Lampson. The Memorial Award, given to the medical student who best exemplifies care and concern for others, was presented to **Joseph Moriarity**. The Civil Service Staff Person of the Year Award, a new award which recognizes an individual that students hold in high regard, was given to **Dina Flaherty**. ■

MMF welcomes new staff

Douglas Newman has been named director of development for the University of Minnesota Cancer Center. He was previously gift planning director at Courage Center in Minneapolis. Newman received his B.S. in sociology and social work from the University of Wisconsin at Madison.



Douglas Newman



Carol Roecklein

Carol Roecklein has been named director of communications for the Variety Children's Association. She held previous positions with Minneapolis Children's Medical Center and Cray Research Inc. She received a B.S. in journalism from the University of Wisconsin at River Falls. ■

Rowers Pull for Leukemia

St. Paul's Lake Phalen was again the site for this year's Pull Together for Leukemia, held May 27 and 28. More than 400 rowers from the United States and Canada competed in the event. The competition provides support for leukemia research at the University of Minnesota.

Dr. Charlene McEvoy, a 1986 graduate of the University of Minnesota Medical School and president of the Minnesota Rowing Club, helped steer the event toward support of leukemia research after one of the club's members, Jim Woog, died following a long battle with the disease. There has been ongoing strong support by the club for this critically important research.

Group Health Inc. sponsored the event. Funds are raised through mail solicitations and T-shirt sales. The 1996 Pull Together for Leukemia will be held Memorial Day weekend, 1996. ■

MMF presents scholarships and awards

Throughout the year, the Minnesota Medical Foundation sponsors a number of awards to honor faculty and students of the University of Minnesota Medical Schools. MMF presented the following scholarships and awards last May:

Maxine Nelson-Alpha Epsilon Iota Foundation Awards

Elise J. Augenstein
Kim M. Koffler
Teresa G. Skiba
Recognize senior women medical students who best exemplify excellence in clinical performance, community service, scholarship, and leadership.

Wallace D. Armstrong Awards

Paul A. Haugan
Jay M. Hemmila
Memorialize Dr. Armstrong, former chair of the Department of Biochemistry, by recognizing outstanding achievement in first-year biochemistry.

Bacaner Research Awards in Basic Medical Sciences

Wayne Froland, Ph.D.
Timothy M. Gomez
David A. Mills
Timothy M. Piser
Sherif Tawfic
Stephen H. Tillery, Ph.D.
Memorialize Jacob and Minnie Bacaner through recognition of creative research in the basic sciences.

Thomas P. Cook Scholarship

Heather A. Thompson
Honors Thomas Cook, long-time executive director of the Hennepin County Medical Association Foundation, and recognizes academic excellence, leadership, and financial need.

Daniel A. Coyle Memorial Award

Lori A. Bluvas
Honors an outstanding woman medical student in obstetrics and gynecology.

Dr. Luther Forest Davis Memorial Scholarship

Benjamin W. Tsoi
Recognizes outstanding clinical skills by a senior medical student specializing in family practice and community health.

Roger Dell Memorial Scholarships

Steven L. Manning
Julie M. Meyer
Established by a gift from the Roger L. and Agnes C. Dell Charitable Trust.

**Irwin J. Fox
Scholarship**

Scott H. Carlson
Recognizes physiology graduate students for academic excellence.

**Allan Hemingway
Endowed
Scholarship**

Peter Gehlbach, M.D., Ph.D.
Established in memory of Dr. Allan Hemingway, long-time member of the Department of Physiology.

**Richard C. Horns
Memorial Award**

Alexander J. Dunkel
Memorializes Dr. Horns, former professor of ophthalmology, by recognizing a senior medical student who has shown outstanding clinical promise.

**J. Jacob Kaplan
Awards**

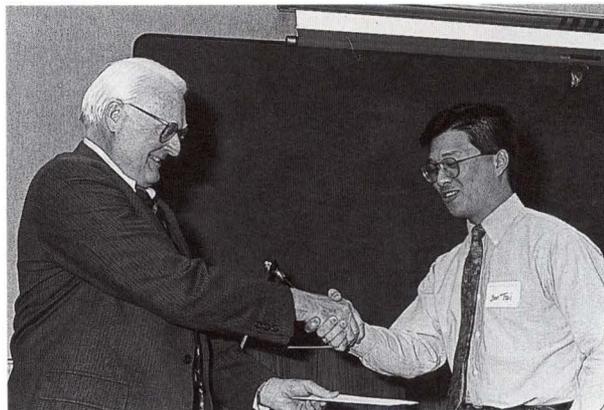
James T. Katter
Kevin R. Pimstone
Established by Dr. Kaplan to recognize, on an annual rotating basis, the best research papers in the fields of cardiology, gastroenterology, and immunology in the diagnosis and treatment of cancer.



Maxine Nelson-Alpha Epsilon Iota Foundation Awards. Kim Koffler, Dr. Bob Howe, Elise Augenstein, Teresa Skiba.



Thomas P. Cook Scholarship. Gene Ott and Nancy Bauer from the Hennepin Medical Society, Heather Thompson, Dr. Howe.



Dr. Luther Forest Davis Memorial Scholarship. Ben Tsoi and Dr. Howe.

**Lifson/Johnson
Memorial Award**

Zhou Yi
Memorializes Drs. Nathan Lifson and John A. Johnson by recognizing outstanding teaching or research by a graduate student in the Department of Physiology.

**J. Thomas
Livermore Award**

Eric A. Ranheim
Recognizes outstanding original research in hematology.

**Medical Student
Achievement
Awards**

Michael J. Achinger
Stuart H. Bloom
Kim M. Koffler
Rekiyatu O. Lawal
David R. Priest
Jodi K. Regan
Teresa G. Skiba
Minnesota Medical Foundation-funded awards which recognize graduating seniors who have excelled in student leadership, community service, academics, and research.

Metropolitan-Mount Sinai Outstanding Medical Student Awards

Stuart H. Bloom
Susan J. Sickler
Established by the medical staff of the former Metropolitan-Mount Sinai Hospital as a remembrance and recognition of the contributions of that organization and its predecessors, the second-and fourth-year awards recognize students who show promise of becoming superior physicians or clinicians.

James E. Rubin Memorial Medical Scholarship

Stuart H. Bloom
A designated endowment within the Jewish Community Foundation, the scholarship honors the memory of Dr. Rubin by recognizing a senior medical student who exhibits the highest degree of excellence in diagnostic skill and ethics.

Undergraduate Research Awards

Brad A. Feltis
Mark A. Pirner
Cynthia J. Wetmore
Minnesota Medical Foundation-funded awards which recognize the most meritorious research papers written by graduating seniors.



Medical Student Achievement Awards. Dr. Howe, Jodi Regan, Reki Lawal, Stuart Bloom, Kim Koffler, David Priest's mother, Teresa Skiba.



James E. Rubin Memorial Medical Scholarship. Stuart Bloom with Barbara Rubin and Dr. Howe.



Undergraduate Research Awards. Dr. Howe, Cynthia Wetmore, Brad Feltis, Mark Pirner.

Cecil J. Watson Awards

Carol Bier-Laning, M.D.
Patricia E. Birk, M.D.
Established in honor of Dr. Watson, Regents' Professor of Medicine, the awards recognize outstanding research by residents in clinical medicine.

George E. Williams Scholarship

Sue A. Nielsen
Established in memory of Dr. Williams, former professor of psychiatry and assistant dean of student affairs.

Zagaria Research Award

Andrew B. Kopstein
Established to recognize original research in cardiology and oncology by an undergraduate. ■

MMF AFFILIATES

Children's Cancer Research Fund

The first Norstan Challenge, hosted by Minnesota native Tom Lehman at the Minneapolis Golf Club, was a huge success. The outing raised \$102,000 for the Children's Cancer Research Fund. Norstan officials sold 3,000 tickets for the event.

The Bon Voyage to Cancer event was held August 18 at the Fine Line Cafe in Minneapolis. The Scott Leius Celebrity Skeet Shoot will take place October 14 at the Minneapolis Hunt Club.

CCRF will be hosting many more events in the upcoming months. For more information, call 612-929-5535 or 1-800-922-1MMF. ■



Diabetes Institute for Immunology and Transplantation



Institute Director Dr. David Sutherland was named president of the International Pancreas

and Islet Transplant Association (IPITA) at the association's 5th International Congress held in Miami in June. The association is primarily a scientific society, bringing together persons interested in pancreas and islet transplantation, but it seeks to become the main link between different groups that concentrate on the treatment of diabetic patients.

The IPITA Congress was also the site of a reception sponsored by the Diabetes Institute. More than 45 people, including transplant patients and surgeons trained by Sutherland, were in attendance to hear presentations on current efforts in islet research and transplantation to cure and prevent diabetes.

The Institute has recently received planned gifts and current commitments totalling over \$350,000 in support of its efforts. The Institute has two main priorities which, when fully funded, will enable it to make a significant difference in the lives of diabetic individuals: recruiting an international expert in the areas of islet research and transplantation to complement the strong efforts that already exist at the University, and beginning comprehensive clinical trials in islet transplantation. The Institute's hope is to perform 40 to 50 islet transplants per year. By doing so, the Institute can accelerate current efforts so that the high success rate of pancreas transplants will be matched.

For more information, call 612-625-9126 or 1-800-922-1MMF. ■

International Hearing Foundation

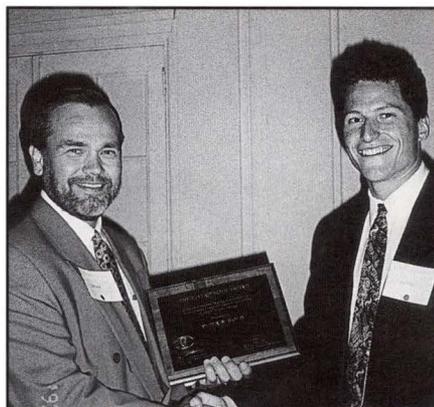
The International Hearing Foundation (IHF) is sponsoring five International Fellows: Drs. Atuski Hartua, Japan; Lalida Kasemusuan, Thailand; Zhange Quan-an, China; Wilson Luo, China; and Malik Diop, Senegal, Africa, a previous IHF fellow who is visiting as a Fulbright Scholar from June to September.

On June 16 at the Otolaryngology Graduation Banquet, IHF presented its first Eivind Hoff Research

Scholarship Award to medical student Peter Wold. The award recognizes medical students for superior research and writing in the area of clinical or basic otology. Two clinical fellows, Drs. Jane Skorina and Albert McClain, were honored at a graduation exercise on June 28.

IHF sponsored a golf tournament on July 10 to help raise funds for the Senegal project and the Chilean Deaf School project. The tournament, which was co-produced by former Viking Matt Blair, was held at the Burl Oaks Golf Course.

For more information, call 612-339-2120. ■



IHF President Ted Grindal and Peter Wold.

University of Minnesota Cancer Center

The UCAN Fund board, under the leadership of Chair Dik Bolger, continues to successfully cultivate major gifts on behalf of the Cancer Center. New board members include Sharon Chauss and Corky Neuman.

On August 18 soprano Julie Ann Greif performed selections from the works of Leonard Bernstein in a benefit concert to support research at the University of



Minnesota Cancer Center. She was accompanied by pianist Jerry Rubino.

Planning has commenced for the Masonic Cancer Research Building's opening ceremonies, scheduled for the last week in March, 1996. Events being planned or under consideration include a gala dinner for major donors, a reception with tours for the Masons of Minnesota, donors, University and state dignitaries, and a reception/tours for all University staff and students.

The search process is continuing for both the Winston and Maxine Wallin Chair in Cancer Prevention and Genetics, and the Tickle Family Chair in Breast Cancer Research. Both the search committees have recently selected candidates to be invited for interviews and to give lectures based on their specialties.

For more information, call 612-625-3650 or 1-800-922-1MME ■

University Children's Foundation

The University Children's Foundation is reaching out to parents of children being cared for by physicians from the Department of Pediatrics. An organization is being



formed to involve more of these parents in activities that will increase public awareness about the department and the tremendous impact it has on the lives of children.

Two successful summer events included Catch a Rising Star and the Nordstrom Back to School Fashion Show. Catch a Rising Star was held at the home of Roger and Lynn Headrick, where more than 250 people enjoyed a dinner dance and silent auction to benefit the UCF Scholar Award. This year's award was given to Dr. Catherine M. Bendel, assistant professor in the Division of Neonatology. The fashion show involved 100 children, including many who were current or former patients in the department. Proceeds from the event will be used to support research in the Department of Pediatrics.

For more information, call 612-625-1148 or 1-800-922-1MME ■

Variety Children's Association

The annual Variety Children's Association-Snyder's Golf Tournament held at Minnetonka Country Club on June 5 was very successful, with more than \$45,000 raised.

The KDWB Family Home Golf Tournament was held August 3 at Edinburgh USA Golf Course in

Brooklyn Park. All money raised will benefit the KDWB Family Home for the Variety Children's Association.



Variety hosted a grand opening party on June 12 for the Children's Center and the Family Lounges. KDWB radio was there along with all the Camp Snoopy characters from the Mall of America.

Variety has begun a Healing Arts and Environmental Program to help redesign the Children's Center to make it more child-friendly. The elevator entrance will be updated and there will be volunteer greeters in the lobby. Rooms will have child-friendly quilts and mobiles. The new design also includes a ceramic wall mural in the main lobby area of the Children's Center. Kids will be able to design their own mural to add to the wall.

For more information, call 612-624-6900 or 1-800-922-1MME ■

Vision Foundation

During the Department of Ophthalmology resident graduation ceremonies on June 16, James Bradshaw, president of the Vision Foundation, presented an engraved, commemorative clock to graduates Barry P. Welch, M.D., Ann E. Melick, M.D., and Robert S. Wolff, M.D., on behalf of the foundation.



The 9th Annual Thanksgiving for Vision celebration has been scheduled for September 23. The event is sponsored by the Minnesota Lions Eye Bank to honor Lions Clubs and individuals making significant contributions to eye research and education. The Master of Ceremonies will be Lions Past District Governor of 5M7, David Dobovsky, and a special musical program will be given by Lions Governor Ray Lindemann.

Gift of Sight tours will be scheduled in November. Friends of the Vision Foundation are invited to see the Department of Ophthalmology's research laboratories and educational facilities. Stops include the Lions Children's Eye Clinic and Lions Research Building.

Arthur Walsh, M.D., has accepted the chairmanship of the new Special Events Committee of the Vision Foundation. Serving on the committee are Bob Boeding, Susan Esquivel, Melissa Holland, Susan Jahr, Kathryn Krachmer, and Jean Shannon. A major fund-raising event is slated for Spring of '96.

For more information, call 612-625-9613 or 1-800-922-1MME ■

President's Report

I am very pleased that Dr. Frank Cerra, a member of the Surgery Department, has been chosen as the Medical School's ninth dean. We congratulate him on his new appointment and wish him well as he faces the challenges ahead. I am confident he can count on the nearly 10,000 M.D. graduates and over 6,000 resident alumni for their support.



Dr. Cerra told alumni over reunion weekend that he not only plans for this Medical School to survive the coming changes, but wants it to be in the top 10 in the nation! It is a goal that will make us all proud to be Minnesota graduates.

I would also like to take this opportunity to thank Dr. Shelley Chou for his leadership during the past few years. His strength during a time of transition meant a great deal. His support of the Medical Alumni Society has been wonderful and we wish him the best in his long-awaited retirement.

This past June more than 600 alumni participated in events during reunion weekend, with many alums returning for the first time since graduation. The campus has changed a great deal and continues to change as the new Basic Sciences/Biomedical Engineering Building goes up next to Coffman Union and the Masonic Cancer Research Building nears completion. Drs. Melvin Sigel and Stanton Hirsh were honored at the reunion dinner as this year's recipients of the prestigious Diehl Award.

We look forward to a strong year for MAS as we move ahead with new leadership for the Twin Cities Medical School. It is our hope that alumni will support this institution in any way they are asked. Many of those opportunities are with MAS, so please consider being involved!

Sincerely,

Dorothy J. Horns, M.D. '76
President
Medical Alumni Society

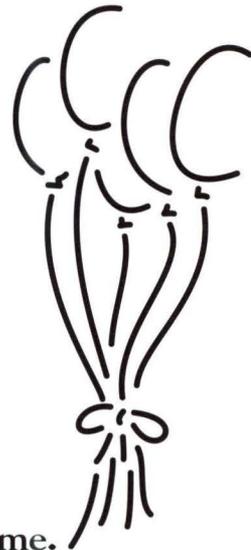
The Medical Alumni Society announces

Alumni Reunion Weekend 1996

June 6-8, 1996

All alumni welcome.

Honoring the classes of 1946, 1951, 1956, 1961, 1966, 1971, 1976, 1986.



Contact the Medical Alumni office for more information, 1-800-922-1MMF or 612-625-8676.

Washington D.C. Alumni & Friends Reception planned

The Washington Hilton will be the site of a fall University of Minnesota Medical Schools Alumni and Friends Reception. Held in conjunction with the meeting of the Association of American Medical Colleges, the reception will be on Sunday, October 29, from 6:00 - 8:00 p.m. All alumni, faculty, and friends are welcome to attend and to learn about what's happening at the University of Minnesota Medical Schools.

Please call Mark Marshall at 612-625-8676 to RSVP or for more information. Alumni in the Washington, D.C., area will be receiving invitations. ■

CLASS NOTES

1932

Dr. Reuben Berman, Minneapolis, cardiologist and researcher who was associated with Mt. Sinai Hospital in Minneapolis throughout his career, has co-edited with Fred Lyon *The History of Mt. Sinai Hospital*. The book was published this past summer. Copies may be obtained from the Mt. Sinai History Committee, Room 402, 710 East 24th Street, Minneapolis, MN, 55404.

1956

Dr. Donald G. Ramras, San Diego, retired February 4 after more than 32 years with the County of San Diego's Health Department, the last 15 years as the county's public health officer. In retirement, he continues to serve on the Infection Control Committee of Children's Hospital and the Institutional Biosafety Committee of the University of California, San Diego.

Dr. Howard H. Wong, Denver, was awarded the Gold Medal by the American College of Radiation Oncology on May 6. The award was presented at the College's Annual Meeting in Washington, D.C. He was also appointed clinical professor and interim chair of the Department of Radiation Oncology at

the University of Colorado on March 1.

1961

Dr. Karen Olness, Cleveland, was appointed chair of the study section on AIDS for the National Institutes of Health for 1994-1996. She volunteered as a pediatrician to work with Rwandan orphans in Goma during the summer of 1994.

Dr. Joe Westermeyer, St. Paul, recently relocated to the Twin Cities where he is chief of psychiatry at the Minneapolis VA Medical Center. Formerly he was chair of psychiatry at Oklahoma University Medical Center. He was recently elected president of the National Association of VA Chiefs of Psychiatry, and is also chair of the Alcohol-Addictions Committee of the Group for the Advancement of Psychiatry.

1980

Dr. Louis Ling, Minneapolis, has received the Society for Academic Emergency Medicine (SAEM) Academic Leadership Award. He served on the board of SAEM from 1988-94, and was president of the organization in 1992-93.

1981

Dr. James R. Johnson, Minneapolis, was invited to be an author for the American Society

for Microbiology's "Cumitech 2B: Laboratory Diagnosis of Urinary Tract Infection." He was also invited to be one of five committee members for the Urinary Tract Infections Guidelines Committee of the Infectious Diseases Society of America.

1983

Dr. Mark H. Tuszynski, San Diego, received the Silvio O. Conte Award from the American Academy of Neurology for research into the use of gene therapy to treat neuronal degeneration in animal models of Alzheimer's disease. The award was presented in May. He is currently assistant professor of neurosciences at the University of California in San Diego, where he received his Ph.D. in neu-

rosciences in 1991. He is also the medical director of a free, charitable clinic for the poor in Mexico, under the auspices of the Flying Samaritans.

1987

Dr. Mark J. Thibault, St. Cloud, Minnesota, has been elected president of the Stearns-Benton County Medical Society for 1995. Dr. Thibault has been on staff at St. Cloud Hospital since 1991 and practices at Rehabilitation Medicine of St. Cloud.

1989

Dr. Elizabeth M. Salewski Schertz, Oshkosh, Wisconsin, has returned to the Midwest after two years in the bush of Alaska. She is a pediatrician with LaSalle Clinic. ■

IN MEMORIAM

ROBERT J. BROTCNER, M.D., Class of 1935, died in August of 1993 in Sherman Oaks, California. He was born in St. Paul, and following graduation from medical school served for seven years in the U.S. Army and attended Army Command and Staff School. He resigned in 1947 as Lt. Colonel, 7th Armored Division. Dr. Brotcner was chief of medicine and partner with Ross-Loos Medical Group in Los Angeles for more than 30 years. He is survived by his wife, Dorothy, two children, and one grandchild.

ALBERT W. KUSKE, M.D., Class of 1931, a longtime family physician from St. Paul, died June 14 at age 88. After completing his residency at the old Minneapolis General Hospital, he worked at Faribault (Minnesota) State Hospital, Veterans Hospital in Chillicothe, Ohio,

and Walter Reed Hospital in Washington, D.C. He was a family physician in the St. Paul Midway area from 1942 until his retirement in 1976, and then worked from 1978 to 1984 at Cambridge (Minnesota) State Hospital. Dr. Kuske is survived by his wife, Anne, two children, and four grandchildren. Memorials to the Minnesota Medical Foundation are suggested.

JAMES T. McMILLAN, M.D., Class of 1941, died April 18 at age 78. A specialist in radiology, Dr. McMillan trained at the Mayo Clinic and was a resident of Des Moines, Iowa, since 1950. He is survived by two sisters.

RONALD B. MERSHON, M.D., Class of 1932, a pediatrician from Alabama, died in June. He is survived by his daughter.

ELISABETH M. MURRAY, M.D., Class of 1930, died June 11 at age 91. Graduating with a specialty in public health, she interned at Minneapolis General Hospital and then practiced at the old Maternity Hospital in north Minneapolis. In the late 1940s she began a 20-year career as doctor for the Minneapolis public schools. Following her retirement she worked as a public health consultant for Hennepin County. Dr. Murray is survived by three children, three grandchildren, and one great-grandchild. Memorials to the Minnesota Medical Foundation are suggested.

HOWARD R. SEIDENSTEIN, M.D., Class of 1938, died April 22 in Highland Beach, Florida. He is survived by his wife, Shirley.

QUENTON T. SMITH, M.D., Class of 1959, died June 13 at age 66. He was a professor in the University of Minnesota medical and dental schools, joining the faculty in 1959. He directed the Medical School's oral biology program, taught courses to dental and graduate students and residents, and published articles on collagen, saliva, and oral biochemistry related to dental cavities and periodontal diseases. He was a fellow of the American Association for the Advancement of Science, and had received two awards from the National Institutes of Health. Dr. Smith is survived by his wife, Dorothy, and his mother.

MAURICE L. STRAUS, M.D., Class of 1934, died in June at age 88. He had a private practice on the east side of St. Paul from 1936 to 1966, then joined the medical staff of Group Health Inc., retiring in 1986. Dr. Straus was also a clinical professor of medicine at the University of

Minnesota. He is survived by his wife, Esther, three children, and two grandchildren.

CATHERINE C. WEST, M.D., Class of 1935, died April 9. A Minneapolis resident, her specialty was physical medicine and rehabilitation.

We have also received notice of the following:

EUGENE BERNSTEIN, M.D., vascular surgeon who taught surgery at the University of Minnesota in the 1950s and 1960s, died June 21 in La Jolla, California, at age 64. In 1957 he began a general and cardiothoracic residency at the University of Minnesota, receiving a doctorate in surgery in 1964. He continued on the faculty at Minnesota before joining the faculty of the School of Medicine at the University of California, San Diego, in 1969. He is survived by his wife, Joan, and two children.

JOHN HARRIS, M.D., chair of the University of Minnesota's Department of Ophthalmology for 20 years, died May 10 in Scottsdale, Arizona, at age 81. He was nationally known for his expertise in ophthalmology and biochemistry, his training programs at the University, and his work with the Minnesota and National Associations for the Prevention of Blindness. Dr. Harris established the Minnesota Lions Eye Bank and served as its medical director. In 1990, he established the John E. Harris Ophthalmology Laboratory Research and Education Fund to provide vital support for eye research and education. Memorials to this fund, through the Vision Foundation of the Minnesota Medical Foundation, are suggested. Dr. Harris is survived by his wife, Mary, and three children.

SIMON PILKIS, M.D., head of the Department of Biochemistry at the University of Minnesota Medical School, died August 3 at age 52. He was an internationally known scientist in the areas of carbohydrate metabolism and diabetes research. He was a Howard Hughes Medical Institute investigator and professor in the Physiology Department at Vanderbilt University in Nashville for 15 years, and head of the Department of Physiology and Biophysics at the State University of New York at Stony Brook from 1986 until coming to Minnesota in 1994. Dr. Pilkis is survived by his wife, Gladys (Jo), and a daughter. Memorials to the Minnesota Medical Foundation are suggested. ■

THANKS FOR ASKING



Gary G. Hargroves

Q

◆ ◆
Is it really true that I can improve my retirement income by making specialized charitable gifts?

Probably!

It is generally accepted that the way to improve retirement income is to regularly set aside assets that can be reinvested tax free. That's basically what happens in IRAs, 401Ks, 403Bs, and other pension plans.

The problem is, only a **limited** number of dollars can be placed into these plans each year.

Consider a **self-trusted Charitable Remainder Unitrust** as a retirement planning — charitable giving — investment tool.

Here are some of the benefits:

- Annual contributions can range from \$0 to three times your adjusted gross income.
- Can be funded with cash or appreciated property and avoid the capital gains tax.
- Tax free growth inside the trust.
- Investment, trustee, and beneficiary flexibility.
- Charitable deduction offsets part of annual contribution.
- Can be switched from retirement to other purposes if needed or helpful.
- Assets protected from lawsuits or government spend-down.

One of my friends who is doing this calls it his **“Wealth Building Trust.”**

For more information, please return the form below.

Dear Gary,

_____ Please send me information on Retirement Planning using the Charitable Remainder Unitrust.

Name _____

Address _____

City _____ State _____ Zip _____

Return to: Gary G. Hargroves, Minnesota Medical Foundation, Box 193, 420 Delaware St. SE, Minneapolis, MN 55455-0392 or phone 1-800-922-1663.

MBF95

THANKS FOR GIVING

Dr. and Mrs. Kenneth Bray

The Bray family and the practice of medicine have been synonymous since the 1800s. The tradition continues today, and the generous scholarship established by Dr. Kenneth and Florence Bray will make it possible for many others who share the Brays' love of medicine to be able to pursue their dream as well.

The fascinating story of this "doctoring" family — which could fill volumes — begins with William Bray of Turner, Maine, who had two sons, Madison James and Ebenezer, in the early 1800s. Both became physicians.

Madison Bray (Kenneth Bray's great uncle) began practicing medicine in 1835 in Evansville, Indiana, and led a very eventful life which included appointment by President Van Buren in 1847 to be surgeon at the Evansville Marine Hospital, and in 1862, resignation from his large medical practice to help organize the Sixtieth Regiment of Indiana Infantry in the Civil War. He was commissioned surgeon of the regiment, and was taken prisoner at the Battle of Mumfordsville, but was "treated with the utmost kindness and distinction by the rebel officers, especially General Bragg," according to the History of Vanderburgh County. At the close of the war he was appointed surgeon at St. Mary's Hospital in Evansville.

Ebenezer Bray (Kenneth Bray's grandfather) practiced medicine and dentistry in Carver, Minnesota, from 1855 to 1867, and later in Young America. His two sons, Charles William and Elywn Royal, both became physicians.

Charles William (Kenneth Bray's father) graduated from the University of Minnesota Medical School in 1895. He bought a hospital in Biwabik, Minnesota, in 1899 and practiced there until his death in 1937. His cousin, Charles Washington Bray, graduated from the New York College of Physicians and Surgeons in 1874 and was a pioneer physician and surgeon in Portland, Maine.

Elwyn Royal (Kenneth Bray's uncle) graduated from the University of Minnesota Medical School in 1906. He studied in Vienna and London in the early 1900s, and established an eye, ear, nose, and throat practice in St. Paul in 1911 and remained there until his death in 1967. Elwyn's son William graduated from the University of Minnesota Dental School in 1950.

Mary Bassett Bray (Kenneth Bray's mother) graduated Summa Cum Laude from the University of Minnesota Medical School in 1895, the same year as her husband, Charles. She was denied internships in the hospitals of Minneapolis and St. Paul because she was a woman, but was helped by Dr. William J. Mayo to obtain an internship at the state hospital. She practiced at the Owatonna State School for Indigent and Dependent Children and at the

Minnesota Hospital for the Insane at St. Peter.

Charles and Mary Bray were married in 1899, and had three sons who became physicians. Robert Bray (Kenneth Bray's brother) graduated from the University of Minnesota Medical School in 1926, and practiced in Fargo, North Dakota, Biwabik, Minnesota, and Rapid City, South Dakota. He retired in 1975. Philip Bray (Kenneth Bray's brother) graduated from the University of Minnesota Medical School in 1929. He practiced obstetrics and gynecology in Duluth for four decades, delivering more than 5,000 babies. He served as head of the OB/Gyn departments at St. Luke's and St. Mary's hospitals, and also as president of the St. Louis County Medical Society. He retired in 1975. Philip Bray's three grandsons are physicians, and his granddaughter is a medical student.

Kenneth Eben Bray graduated from the University of Minnesota Medical School in 1934. His general practice was in Park Rapids, Minnesota, until his military service (1941-1946). He served in China, Burma, and India as depot and flight surgeon, and remained in the Air Force Reserve until he retired as a Colonel in 1960. He later practiced anesthesiology in Evansville, Indiana, (at St. Mary's Hospital where his great uncle Madison had practiced) and was chief of the Department of Anesthesiology at the VA Hospital in Columbia, South Carolina, and in New Orleans, Louisiana, in association with Louisiana State University Medical School. During this time, he also served as consultant to the Carville Lepersorium. Kenneth Bray retired as assistant professor of surgery in 1975.

Florence Bray grew up in Park Rapids and graduated from the School of Nursing at St. Vincent's Hospital in Crookston. During World War II she worked with the Red Cross disaster staff, and later at Ft. Snelling Army Hospital while Dr. Bray served overseas.

Dr. and Mrs Bray have established the Kenneth Eben Bray, M.D., and Florence Little Bray Endowed Scholarship Fund to provide scholarships to students who are planning to become family practitioners in rural areas. Preference will be given to students enrolled at the University of Minnesota, Duluth, School of Medicine.

The Brays recognize the need for family physicians to practice in underserved rural communities. Through the scholarship, the family legacy of serving others through medicine will be continued far into the future. ■

— Jean Murray



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