

---

# THE REVIEW

UNIVERSITY OF NORTH DAKOTA SCHOOL OF MEDICINE & HEALTH SCIENCES



*New graduate **Stacey Berg** (right) of Grand Forks accepts her certificate of completion from **Mary Ann Laxen**, director of the Physician Assistant (PA) Program, at the recent graduation ceremony. Berg, who ranks family practice as her first choice, says she hopes to stay in this geographic area. Her preceptor during the intensive year of study and training in the PA program was her sister, **Kim Konzak-Jones, M.D. '92**, who teaches and practices at the UND Family Practice Center in Grand Forks.*

## IN REVIEW

*May 21-23*

### 'Alumni Days' to Feature Educational Sessions

Graduates returning for Alumni Days this spring will have another reason to attend: the event will include a chance to gain insight into the newest educational strategies and trends.

**Set for May 21-23, Alumni Days will feature the classes of 1943, 1948, 1953 and 1958,** and provide plenty of opportunities for meeting up with classmates and friends of years gone by.

In addition to the traditional breakfast for alumni of the medical school (May 23), guests will also be treated to an insiders' look at how medical students are educated today. In sessions scheduled for 9:30 a.m. Wednesday and Thursday (May 21-22) at the school's new state-of-the-art **Clinical Education Center, alumni will be introduced to the amazing array of technology used in medical education today,** including our new mannequin patient, "Harvey," a cardiac simulator which helps students learn to assess the many physical findings associated with cardiovascular diseases.

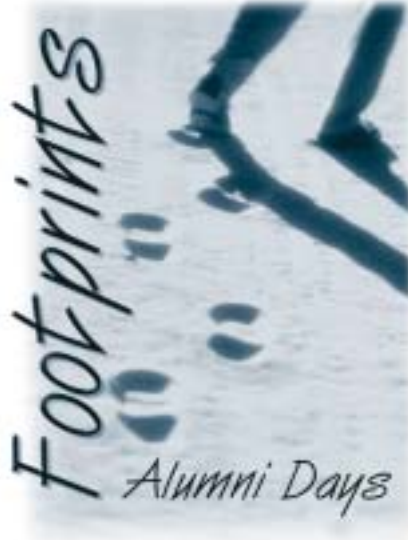
Visitors will also learn about other new teaching methods, such as the "standardized patient" (patient-actors), which enable students to gain hands-on clinical experience early in the curriculum.

### Med School Nearing 100-year Anniversary; Old Photos Requested

Do you have any class pictures from the UND medical school classes of 1911 through 1929, 1932, 1933, 1936 and 1939, and the sophomore class of 1981?

As the UND School of Medicine and Health Sciences approaches the 100th anniversary of its founding in 2005, we are in the process of assembling a complete collection of medical class pictures.

If you have a photo of your class from the years mentioned above, please contact



For more information on, or to register for, Alumni Days, please contact the UND Alumni Association at 1-800-543-8764 or visit [www.undalumni.org](http://www.undalumni.org) (click on tours and events). **Watch for the full schedule of Alumni Days in the January/February '03 issue of the Alumni Review.**

the UND School of Medicine and Health Sciences, P.O. Box 9037, Grand Forks, ND 58202-9037; call 701/777-4305 or e-mail: [pamelak@medicine.nodak.edu](mailto:pamelak@medicine.nodak.edu). If you have any photos of events or visiting personalities relating to the medical school or the university, we would like to receive these too.

All photos will be returned, with our thanks.

## calendar

*April 24*

**Frank N. Low Research Day**, UND School of Medicine and Health Sciences, 501 N. Columbia Road, Grand Forks; keynote speaker: Tomi K. Sawyer, Ph.D., vice president for drug discovery, Ariad Pharmaceuticals, Boston; for more information, call **Holly Brown-Borg, Ph.D.**, at 701/777-3949

*May 10*

**Commencement for Doctor of Medicine Class of 2003**, 1:30 p.m., Chester Fritz Auditorium, UND campus (preceded by Commencement Awards Brunch at 10 a.m., UND Memorial Union); for more information, call 701/777-2514

*May 17*

**UND General Commencement**, 1:30 p.m., Grand Forks Alerus Center; for more information, call Tammy Anderson at 701/777-2724

*May 21-23*

**UND Alumni Days**, honoring classes of '43, '48, '53 and '58, UND campus, Grand Forks, for more information, call Stacy at 1-800-543-8764.

*Visit our web site:*

<http://www.med.und.nodak.edu>

### Change of address?

Please send address changes to:

**Kitty Monley**, Office of Administration and Finance, UND School of Medicine and Health Sciences, P.O. Box 9037, Grand Forks, ND 58202-9037  
e-mail: [kmonley@medicine.nodak.edu](mailto:kmonley@medicine.nodak.edu)  
phone: 701-777-2431

**THE REVIEW, SCHOOL OF MEDICINE AND HEALTH SCIENCES, University of North Dakota**, CHARLES E. KUPCHELLA, President, University of North Dakota; H. David Wilson, Vice President for Health Affairs and Dean, School of Medicine and Health Sciences. **The Review (ISSN 0888-1456; USPS 077-680) is published six times a year during January, March, May, July, September, and November by the University of North Dakota School of Medicine and Health Sciences, P.O. Box 9037, Grand Forks, ND 58202-9037. Periodical postage paid at Grand Forks ND. POSTMASTER: Send address changes to THE REVIEW, Office of Public Affairs, UND School of Medicine and Health Sciences, P.O. Box 9037, Grand Forks, ND 58202-9037.** Pamela D. Knudson, Director of Public Affairs, School of Medicine and Health Sciences. Computer graphics and photographic assistance from J. Lee, V. Swift and W. Weber, with Medical Media at the UND School of Medicine and Health Sciences. Printed at Fine Print Inc. Grand Forks, ND. All articles published in THE REVIEW, excluding photographs and copy concerning patients, can be reproduced without prior permission from the editor. UND is an equal opportunity institution.

## DEAN'S LETTER

### Our Mission in Action

## Addressing Critical Challenges through Partnership and Research

We are pleased to highlight in this issue a team of outstanding researchers which is conducting studies that, it is hoped, will shed new light on the questions surrounding cancer. **Drs. Mary Ann and Donald Sens** and their colleagues are looking at ways of predicting the aggressive nature of certain cancers.

This team has found a new home at the UND School of Medicine and Health Sciences, having moved here from the University of West Virginia last year, and we are extremely delighted and proud to have them in our fold.

### **Working to improve the health status of Native Americans**

While most people in the Upper Midwest are considered "hardy," enjoy good health and live relatively long lives, there are many among us who are not as healthy and whose prospects for health and longevity are more bleak.

A recent meeting was called to determine how the UND School of Medicine and Health Sciences could help support the state's Naive American physicians and the health care systems in which they practice, especially on the state's reservations but

also in urban settings.

Research has shown that Native Americans have higher incidences of serious illness and die prematurely as compared with the general population. These dismal statistics are borne out by the highly regarded and credible research of those in the National Resource Center on Native American Aging, a unit of the Center for Rural Health at the UND medical school.


The results of these studies by **Richard Ludtke, Ph.D., Leander McDonald** and **Alan Allery**, reported to Congress through the Senate Committee on

Indian Affairs last July, illuminate the exact nature of the health disparities and, we believe, will guide future policy decision-making as it affects Native Americans.

The "INMED Alliance," coordinated by **Cynthia Lindquist Mala**, director of our Division of Indian Health Studies, and **James Brosseau, M.D. (B.S. Med. '68)**, chair and professor of community medicine, will initially focus on Indian children and diabetes.

The group supports naming the medical school as a component of a regional epidemiology center for the Northern Plains Indians establishing an information exchange network.

It is our sincere hope that this alliance ultimately will lead to improved health and health care of Native Americans in this part of the country.

  
**H. David Wilson, M.D.**  
Vice President for Health Affairs and Dean



We were pleased to host a group of physician-alumni of our INMED (Indians Into Medicine) program, all of whom practice in North Dakota, at a recent meeting designed to build an alliance between UND, the physicians and the communities they serve. Pictured (from left) are: Linda Gourneau, M.D. '89, New Town; Shantelle TwoBears, M.D. '96, Fargo; Rory Trottier, M.D. '91, Grand Forks; Dean H. David Wilson, M.D., Grand Forks; Vern Azure, M.D. '88, Belcourt; David Gayton, M.D. '90, Grand Forks; Loren Simpson, M.D. '94, Belcourt; Penny Wilkie, M.D. '94, and Monica Mayer, M.D. '95, New Town.

---

## *Team Led by the Doctors Sens*

# Researchers Discovering New Clues to Treating Cancer

In the battle against cancer, researchers are studying how cancerous cells provide clues known as biomarkers that can help doctors diagnose and treat their patients more effectively.

**Mary Ann Sens, M.D., Ph.D.**, and **Donald Sens, Ph.D.**, a husband-and-wife research team at the University of North Dakota (UND) School of Medicine and Health Sciences, say that when some types of cancer cells overproduce a specific protein, the information can be used to determine the cancer's stage of development and how aggressively to treat it.

The Sens' two cancer research projects, both funded by the National Institutes of Health (NIH), relate to a protein called metallothionein. Normally, cells produce metallothionein to protect themselves from cadmium, a toxic heavy metal. In their research, the Sens have found that metallothionein is overexpressed in some human cancers.

**"We study samples of human tissue and ask how the expression of this protein correlates to how a cancer operates,"** says Donald. **"It becomes important in breast, bladder and prostate cancers.** By identifying biomarkers, we try to define the seriousness of an early cancer, which determines whether to treat it very aggressively or not as aggressively."

In their search for cancer-related biomarkers, the Sens rely on excess diagnostic human tissue samples that have been discarded as medical waste. Using these samples, they have developed models of tumor cell lines, enabling them to bypass animal testing.

"This is called retrospective research because we're looking at samples from pre-existing specimens," says Mary Ann, a pathologist and chair of the Department of Pathology at the UND medical school.

"When we test a new biomarker for prostate cancer, we need to determine if it can predict what will happen.

"I look at the tissue sample under a microscope to see if it has a certain protein. If it does, I ask whether it makes a difference. I already have the answer because



*Mary Ann Sens, M.D., Ph.D., professor and chair of pathology, and Donald Sens, Ph.D., professor of surgery, Grand Forks, lead a team of researchers conducting research on cancer which has important implications for the treatment of the disease in the breast, bladder and prostate.*

*When some types of cancer cells overproduce a specific protein, the information can be used to determine the cancer's stage of development and how aggressively to treat it, researchers have found.*

I'm looking at a sample from 20 years ago and I know what happened to the patient."

The Sens' research could influence the decisions doctors make about how cancers are treated today.

"With the information biomarkers provide, we can say, yes, this is a bad cancer or, no, this cancer is not going to progress," Donald explains. "We also know that when metallothionein is overexpressed, it interferes with Cisplatin, a chemotherapy drug used to treat cancer patients."

**In addition to research on using biomarkers as a diagnostic tool, the Sens have a second NIH grant to study the cause of metallothionein overexpression in the kidneys and what happens when it occurs.**

"We use our tissue culture models in the lab to manipulate genes and discover how a biomarker really works," says Donald. "We take the metallothionein gene, put it in a cell that doesn't normally have it and see what happens."

"We're attempting to prove that it starts binding up all the extra zinc in the cell because zinc is very similar to cadmium. But to live, you need zinc as a mineral," he says. "When metallothionein takes zinc from many other proteins that need it, the cell loses its proper mechanism for growth control."

Some of the Sens' work on the metallothionein protein as a biomarker has been published in the *American Journal of Pathology* (Metallothionein Isoform 3 Overexpression Is Associated with Breast Cancers Having a Poor Prognosis - July 2001) and *Environmental Health Perspectives* (Metallothionein Isoform 3 as a Potential Biomarker for Human Bladder Cancer - March 2000).

Mary Ann Sens became the chair of the medical school's pathology department last August. She and Donald came from the University of West Virginia, bringing with them a research team that includes assistant professors **Scott Garrett,**

**Ph.D., and Seema Sonje, Ph.D.,** and graduate students **Volkan Gurel and Seongmi Park,** as well as two, \$1.2 million NIH research grants, each for four years.

**Dean H. David Wilson, M.D.,** says bringing in the Sens and their research team transforms a department that was traditionally focused on education to one engaged in both education and research. Helping to make it possible was start-up funding from the North Dakota Biomedical Research Infrastructure Network (BRIN) and the North Dakota Experimental Program to Stimulate Competitive Research (EPSCoR).

"The start-up package, including the

funding from BRIN, was very helpful," says Wilson. "Our commitment to the Sens includes whatever they need from the medical school standpoint, plus the assistance from BRIN and EPSCoR. Putting all of our monies together obviously made us very competitive."

Donald Sens says, "We had two young people in our laboratory who were extremely good and this was an opportunity to bring them along. North Dakota wanting to develop research was a unique opportunity to move the program without disrupting it."

*Article and photos by Patrick Miller, BRIN Program.*



*Seema Sonje, Ph.D. (left), assistant research professor of pathology, working here with Mary Ann Sens, M.D., Ph.D., professor and chair of pathology, both of Grand Forks, is one of several researchers who joined the Senses in their move to UND from the University of West Virginia last fall. The research team is working to uncover new information that will ultimately help doctors treat cancer more effectively.*

## Center for Rural Health Provides Telecommunications Equipment to Rural Medical Centers Across North Dakota

The Center for Rural Health at the University of North Dakota (UND) School of Medicine and Health Sciences will provide new telecommunications technology to ten communities throughout the state with funds received recently from the U.S. Department of Health and Human Services (DHHS).

The funds are part of a \$152,000 grant from the DHHS Bureau of Health Professions' National Health Service Corps SEARCH (Student/resident Experiences and Rotations in Community Health) program which exists to provide nurse practitioner, medical, dental and social work students experience in rural and under-served communities throughout North Dakota.

About \$32,000 will be used to purchase polycom video-conferencing equipment to be placed in health care facilities at Carrington, Linton, Rolla, Beulah, Fargo, Rugby, Belcourt, Watford City and two communities as yet unnamed. The equipment will be installed in the next few months with the help of **Don Larson**, coordinator of computer services at the UND medical school, Grand Forks. The equipment has been installed in the Rugby, Watford City and Rolla locations.

"This new equipment will provide better access to information for rural communities like Rugby," said Carol Schwan, administrator of the Johnson Clinic PC in Rugby. "Most of the forums where new requirements and updated regulations are available take place in the larger commu-

The latest telecommunications equipment will be (or has been) installed in these North Dakota communities:

<b>Belcourt</b>	<b>Linton</b>
<b>Beulah</b>	<b>Rolla</b>
<b>Carrington</b>	<b>Rugby</b>
<b>Fargo</b>	<b>Watford City</b>

through efforts of the Center for Rural Health at the University of North Dakota School of Medicine and Health Sciences.



*Don Larson, computer services coordinator in the Office of Information Resources at the UND School of Medicine and Health Sciences, Grand Forks, operates video-conferencing equipment that allows Brian Selland, M.D. '87, Johnson Clinic Administrator Carol Schwan and other leaders to talk about the pluses of practicing in Rugby with physicians-in-training at the UND Family Practice Center in Grand Forks.*

ities, and traveling to them is not only costly but also is impacted by weather.

"With on-site equipment, more of our staff should be able to participate in such meetings. We appreciate the opportunity to be included."

**This innovative new technology will enhance video-conferencing opportunities, and make participating in video-conferences for rural residents as easy as dialing the phone.** according to telecommunications personnel at the UND medical school. Because it will use much higher bandwidth, the quality of the conferences will be improved. Such Internet connections are affordable and available all across North Dakota from both telephone and cable service providers.

The equipment to be installed works similarly to a telephone but combines the typical elements of an educational lecture or formal presentation with a video-confer-

encing data stream.

**An immediate use of this technology will be to provide conferencing between the UND residency training programs and communities interested in recruiting physicians,** said **Mary Amundson**, director of the SEARCH program at the Center for Rural Health, Grand Forks. This will allow medical and administrative staff in rural hospitals and clinics an opportunity to share information about practice opportunities with the resident-physicians-in-training.

The current video-conferencing units used for telemedicine routes all connections for conferencing through an urban hospital to initiate the conference. The UND medical school has been using Internet video-conferencing equipment to provide a link between its four clinical campuses in Bismarck, Fargo, Grand Forks and Minot and rural areas for years.

Most are INMED Alumni

## Med School Forms Alliance with State's American Indian Physicians

A group of American Indian physicians gathered recently at the University of North Dakota (UND) School of Medicine and Health Sciences to discuss ways they could work with the school to address health disparities in Indian country.

All but one of North Dakota Native American physicians are alumni of the UND medical school and practice in communities such as Belcourt, Bismarck, Fargo, Fort Yates, Grand Forks, Minot and New Town.

The event was conducted as a "roundtable forum... to form an alliance," said **Cynthia Lindquist Mala**, director of the Division of Indian Health in the medical school's Department of Community Medicine, Grand Forks. The forum was called to develop "collegial relationships between the institution, the American Indian doctor and the communities they

serve."

"We are looking for ways we can support them, so they are not so overwhelmed" in their practices, she said.

She also wants to determine their interest in research on Native American health issues under way at the medical school. Studies have shown that Native Americans have higher incidences of serious illness and die prematurely as compared with the general population.

Addressing the group in the opening minutes of the meeting, **UND President Charles Kupchella** said, "I am prouder of nothing more than I am of the INMED Program and programs like it."

The group discussed research and its application to practice in rural and Indian communities, as well as possible appointments to the school's faculty.

**Twenty years ago, there were no**

**American Indian physicians in North Dakota; today there are 19** practicing in the state, Lindquist Mala said. "This success is due in large part to the Indians Into Medicine (INMED) Program" that's been in place at the UND medical school for about 30 years.

Organizers also hope the alliance will further stimulate more young Native Americans in North Dakota to consider enrolling at UND to prepare for careers in medicine, nursing, physical and occupational therapy, clinical laboratory science, and other allied health professions.

"We want to improve the pipeline (of students to UND) to encourage our own people (to pursue health care fields) and then translate that back to your communities," said Lindquist Mala.

For more information, call Lindquist Mala at 701-777-3267.



At the first meeting called to develop an alliance between the UND medical school and Native American physicians in North Dakota, **Monica Mayer, M.D. '95** (right), New Town, emphasizes the serious and sometimes frustrating challenges health care professionals are dealing with on Indian reservations.

## New Class of Physician Assistants Graduate; Most to Practice

Sixty-nine students of the University of North Dakota (UND) School of Medicine and Health Sciences' Physician Assistant (PA) Program participated in a graduation ceremony recently at the Chester Fritz Auditorium on the UND campus.

Representing 24 states, the students each received a certificate of completion during the ceremony which is open to the public. North Dakota Health Officer **Terry Dwelle, M.D.**, of Bismarck presented the keynote address.

Dwelle, who was appointed by Governor John Hoeven to the position of state health officer in October 2001, holds an academic appointment in the UND medical school's Department of Community Medicine which administers the PA program.

During the ceremony, **Marilyn Harms, PA Program '79**, received the third **Robert C. Eelkema Award** for outstanding alumni. Harms, of Vermillion, SD, has been active on both the state and national levels for many years. Most recently she has been a member of the faculty of the PA program at the University of South Dakota in Vermillion.

Since Harms could not attend the ceremony, her remarks were read by **Annette Larson, PA Program '79**, a faculty member in the PA program at UND. The award, established in 2000, was named for Dr. Eelkema of Grand Forks upon his retirement to recognize his 32 years with the UND School of Medicine.

**The Reverend Richard Gross**, chaplain at the Altru Health System in Grand Forks, will receive the Department of Community Medicine Award for his contributions to the department. He has taught ethics to the PA students for many years.

The PA graduates have completed an intensive, one-year curriculum for experienced, professional nurses. As students they come to UND for portions of their education but most of the training is carried out in their hometowns with physicians acting as primary teachers.



*Kimberly Borris (right) of Athens, TN, hugs Mary Ann Laxen, director of the Physician Assistant Program, Grand Forks, as she accepts the certificate of completion in a graduation ceremony marking the end of a year of intensive study at UND and in her hometown.*

PAs are health care professionals who practice medicine with physicians' guidance and supervision. They assess the health status of individuals of all ages, obtaining a database which includes a medical history, physical examination and appropriate diagnostic tests.

**Mary Ann Laxen** is director and **Greg Holzman, M.D.**, is medical director of the program. **James Brosseau, M.D. (B.S. Med. '68)**, is chair of community medicine.

Here are the new graduates (and their preceptors):

**Elizabeth Ahern**, Saranac, NY  
Anthony Politi, MD, Peru, NY  
**Julianne Anderson**, Emigrant, MT  
Kirk Scofield, MD, Nome, AK  
**Normajean Arnold**, Colorado City, CO  
C. Neece, DO, Walsenburg, CO  
**Peggy Atwood**, Ada, OK  
Gerald Gilbert, MD, Ada, OK  
**Brenda Baker**, Princeton, MN  
Peter Jensen, MD, Princeton, MN  
**Terry Bancroft**, Roseburg, OR  
Luke Herscher, DO, Sutherlin, OR  
**Prudence Baugher**, Fulton, MO  
William Cravens, MD, Fulton, MO  
**Stacey Berg**, Grand Forks, ND  
**Kim Konzak-Jones, MD '92**, Grand Forks, ND

**Jody Birlik**, Milwaukee, WI  
David Fagan, DO, Thiensville, WI  
**Kimberly Borris**, Athens, TN  
C. Richard Sharpe, MD, Athens, TN  
**Alan Bowers**, Cleveland, TN  
Owen Taylor, MD, Cleveland, TN  
**Martin Burks**, Elkhart, TX  
James Morris, MD, Rusk, TX  
**Deborah Burns**, Centralia, IL  
Gary Goforth, DO, Nashville, IL  
**Tamula Burrows**, Gilman City, MO  
Natu Patel, MD, Bethany, MO  
**Richard Call**, Bay City, MI  
Rodames Dedicatoria, MD, Saginaw, MI  
**Mark Carbo**, Alexandria, LA  
Ana Pere', MD, Natchitoches, LA  
**Jennifer Chapman**, Jefferson City, MO  
Gary Pearson, DO, Tipton, MO  
**Lyn Cheshire**, Kings Mountain, NC  
R. Michael Miller, MD, Shelby, NC  
**Tara Curtis-Haberlock**, Bismarck, ND  
Samir Farah, MD, Minot, ND  
**Suzan Dumas**, Shreveport, LA  
John Haynes, Jr., MD, Vivian, LA  
**Kenneth Dunaway**, Walker, LA  
Michael DeJohn, MD, Clinton, LA  
**Brett Duplantis**, Houma, LA  
Ronald Marts, MD, Houma, LA  
**Allison Eness**, Ames, IA  
Terry McGeeney, MD, Ames, IA  
**Vickie Farmer**, Lubbock, TX  
Kitten Linton, MD, Plainview, TX

## in Rural Communities throughout United States

**Edwin Feliu**, El Paso, TX  
Jose Barahona, MD, El Paso, TX

**Gayle Fristoe**, Amarillo, TX  
Randy Stewart, MD, Amarillo, TX

**Rhonda Gibson**, Soldier, IA  
Rodney Cassens, MD, Mapleton, IA

**Nancy Gulsvig**, Oakes, ND  
Vani Nagala, MD, Oakes, ND

**Dylan Hedrick**, Rock Island, IL  
Randall Mullin, MD, Geneseo, IL

**Joyce Heuser**, El Dorado Springs, MO  
Rick Casey, DO, El Dorado Springs, MO

**Ben Hoffman**, Billings, MT  
Edward, Malters, MD, Billings, MT

**Kristi Howard**, Las Vegas, NV  
Ramin Etebar, MD, Las Vegas, NV

**Lori Hubert**, Hornick, IA  
Curtis Hesse, DO, Mapleton, IA

**Sandra Johnson**, Broken Bow, OK  
R. Paul Chandler, DO, Broken Bow, OK

**Heather Jozwik-Jones**, Sierra Vista, AZ  
Ralph Mayberry, MD, Sierra Vista, AZ

**Deborah Koschak**, Colorado Springs, CO  
James Brooke, MD, Colorado Springs, CO

**Audrey Kost**, Viborg, SD  
Syed Shah, MD, Viborg, SD

**Julie Krout**, Cameron, WI  
John Henningsen, MD, Rice Lake, WI

**Richard Labelle**, Jasper, TX  
Peter Bidwell, MD, Jasper, TX



*Father Richard Gross, chaplain for Altru Health Systems, Grand Forks, received the Department of Community Medicine Award for his contributions to teaching ethics in the PA Program.*

**Jean Larson**, Cobb, GA  
Peter Donnan, MD, Cordele, GA

**Robert Lee**, Groves, TX  
Robert Rollo, MD, Winnie, TX

**Jennifer Lewis**, Harrisburg, IL  
Kimball Ewell, MD, Eldorado, IL

**Janie Lopez**, Odessa, TX  
Richard Bartlett, MD, Odessa, TX

**Leigh Lyon**, Burke, SD  
Teresa Marts, MD, Winner, SD

**Kathleen Melloh**, Nevada, MO  
Jack Reynolds, DO, El Dorado Springs, MO

**Justin Mulbery**, Beaver Crossing, NE  
Kipton Anderson, MD, Columbus, NE

**Colleen Nakamura**, Wailuku, HI  
George Talbot Jr., MD, Wailuku, HI

**Stephanie Natyshok**, Zeigler, IL  
William Hays, MD, Herrin, IL

**Mark Neer**, Chandler, OK  
Wendell Richards, DO, Chandler, OK

**Larry Neff, Jr.**, Joplin, MO  
Samuel Turner, DO, Joplin, MO

**Rebecca Ness**, Roseau, MN  
Robert Anderson, MD, Roseau, MN

**Rebecca Norment**, Paris, TX  
Gordon Strom, Jr., MD, Paris, TX

**James Parks**, Thibodaux, LA  
Evelyn Magsino-Bacuta, MD, Houma, LA

**Laurie Paxson**, Tecumseh, OK  
Kimberly Hanigar, MD, McCloud, OK

**Eileen Price**, Park City, UT  
Joe Ferriter, MD, Park City, UT

**Gerard Quigley**, Mesa, AZ  
Michael Carlton, MD, Phoenix, AZ

**Buddy Ray**, Knoxville, TN  
Howard McMahan, MD, Ocilla, GA

**Beverly Russell**, Beaver Island, MI  
Edward Newcomb, MD, Charlevoix, MI

**Christopher Russell**, Spencer, WI  
Tim Meyer, DO, Neillsville, WI

**Scott Shaver**, Elkhart, TX  
Timothy Allen, DO, Teague, TX

**Laura Smith**, Roseburg, OR  
Connie Grady, MD, Roseburg, OR

**Penny Sommer**, Belknap, IL  
Thomas Staton, MD, Metropolis, IL

**Greg Stanko**, Umpqua, OR  
Greg Falk, DO, Canyonville, OR

**Sheri Stofer**, Mountain Grove, MO  
Nancy Hayes, MD, Mountain Grove, MO

**Diane Terpstra**, Leighton, IA  
Nancy Johnson, DO, Monroe, IA

**Steven Thompson**, Rochester, MN  
Richard Schindler, MD, Adams, MN

**Johnny Turner**, Wolfforth, TX  
Charles Addington, II, DO, Wolfforth, TX

**Ronda Vance**, Holdenville, OK  
Rikki Scroggin, MD, Holdenville, OK

**Ronald Wren**, Williston, ND  
**Robert Kemp, MD '92**, Williston, ND

## Alumna Praises Training Received from Faculty in Fargo Campus

**Robyn (Brady) Borge, M.D. '00**, third-year family medicine resident training in the Mayo Clinic-affiliated program at La Crosse, WI, returned to Fargo recently to take a rotation with faculty members of the Department of Internal Medicine of the UND School of Medicine and Health Sciences.



"I had a great time in Fargo," she said. During her second year of medical school, Borge said she had the opportunity to work with **Anil Potti, M.D.**, assistant professor of internal medicine, Fargo. From that experience, she "learned that (he is) an extraordinary physician. He is very intelligent AND is an outstanding teacher. He is excellent at providing explanations that are easy to understand," she said. "I hoped that working with him would reinforce some of the basic fundamentals of medicine for me."

"The other internal medicine faculty were also helpful," she noted. "They were all very personable and made extra efforts to teach; the teaching was excellent."

She and her husband, **Karl Borge, M.D. '00**, also a family medicine resident at Franciscan Skemp Healthcare, plan to stay and practice in La Crosse, she said. They will be joining the Gundersen Lutheran Medical Center in September.

## *Folic Acid Cited as Critical*

# Birth Defects Preventable, with Simple Changes in Diet and Lifestyle

On average, every three days in North Dakota, a baby is born with a birth defect, according to **John Martsolf, M.D.**, director of medical genetics at the University of North Dakota (UND) School of Medicine and Health Sciences and the state's only clinical geneticist, Grand Forks. But some of these defects are preventable with simple dietary and lifestyle changes.

The most common birth defects involve malformation of the spinal cord and brain, such as spina bifida, the leading cause of childhood paralysis, he says. Birth defects constitute the major cause of infant mortality; 18 babies die each day in the United States as a result of birth defects.

The U.S. Public Health Service recommends that all women of child-bearing age, 15 to 44 years old, consume 400 micrograms (400 mcg or 0.4mg) of folic acid each day. Folic acid, a B-vitamin, should be taken before pregnancy, as well as continued throughout pregnancy.

**In order to consume the recommended amount of folic acid, experts advise women to eat foods rich in folate and to take a daily multivitamin pill with folic acid.** Foods rich in folate include leafy green vegetables, orange juice and beans. Some breakfast cereals are now fortified with folic acid, as are enriched grains and pastas.

Most experts caution that it is difficult to maintain the daily requirement without



*As the state's only clinical geneticist John Martsolf, M.D., provides a statewide program of genetic and birth defects evaluation for people throughout North Dakota and its catchment areas. He advises patients on the potential risk of birth defects and hereditary diseases occurring again in their family. He travels across the state on a regular basis to meet with patients and their families, and may be reached at 701-777-4277 at the UND School of Medicine and Health Sciences.*

supplementing a woman's diet with multivitamins or folic acid pills.

**Although this recommendation was first made almost 10 years ago, many women still are not aware of the role of folic acid in the prevention of spina bifida and anencephaly,** a failure of the

head to close in the earliest stages of fetal development, Martsolf said. Recent surveys by the March of Dimes and the Center for Disease Control and Prevention (CDC) have shown that while most of the women surveyed reported that they had heard of folic acid, fewer than 25 percent knew that folic acid helps to prevent birth defects, and less than 20 percent knew that they should take it before pregnancy.

Other birth defects and infant health problems are preventable because they are associated with behaviors such as smoking, substance abuse and poor nutrition, Martsolf said. Fetal alcohol syndrome, one of the leading causes of mental retardation, is 100 percent preventable by abstaining from the consumption of alcohol.

**"A woman must understand that when she uses alcohol, illicit drugs, or tobacco her baby takes in those same substances,"** he emphasized. "Smoking is also linked to low birth-weight and childhood respiratory diseases such as asthma and pneumonia."

Women who are (or are planning to become) pregnant should eat foods rich in folate:

- vegetables such as broccoli, peas, asparagus
- leafy green vegetables (lettuce, any variety)
- orange juice (and other citrus fruits and juices)
  - beans
  - peanuts
- cereals fortified with folic acid
- enriched grains (look for "enriched" on breads)
  - pasta (enriched)

and take a daily multivitamin with folic acid. It's never too late to gain the benefit of these dietary changes; take these steps even if pregnancy has begun.

## Medical Students Receive Scholarships for Academic Excellence

Scholarships have been awarded to 125 medical students at the University of North Dakota School of Medicine and Health Sciences. The awarded scholarships, given from various private sources, endowments and scholarship funds, and recipients are:

*Imogen and Naomi Adams Memorial Medical Scholarship* (established by a gift from the Naomi Adams Estate) - **Kevin Spaeth**, senior;

*Patrick L. Altringer Scholarship* (established by Patrick Altringer, Dickinson, a graduate of the University of North Dakota) - **Janelle Jones**, junior;

*Mark and Mary Andrews Medical Scholarship* (established by U.S. Senator Mark and Mary Andrews of Mapleton in appreciation of the quality education their daughters, Karen and Sarah, received at UND) - **Theresa Hanish**, senior;

*Asmundson Medical Scholarship* (established by A. Leonard Asmundson, M.D. (B.S. Med. '29) - **Michael Johnson**, sophomore, and **Shaun Christenson**, junior;

*John J. Ayash Memorial Scholarship* (endowed in 1978 in the North Dakota Community Foundation by a friend of the late Dr. Ayash, a prominent physician in Minot) - **John Joyce**, senior;

*Charles and Emma Bollinger Scholarship Endowment* (established by the late Vera Bollinger of Valley City in honor of her beloved parents) - **Reid Farris, Kevin Longie, Jennifer Mattingley, Danial Padgett and Joey Peterson**, all sophomores; **Dan Anderson, Isaac Grindeland, Jon Grudem, Kara Looyson, Joey Rexine and Grant Seeger**, all juniors; **Christopher Danielson, Cynthia Davila, Tanya Harlow, Patricia Hunt, Barry McKenzie and Kylee Ann Useldinger-Kummer**, all seniors;

*William and Lucy Churchill Scholarship* (established by their daughter, Helen Churchill Wahlstrand, to provide scholarships for students who have demonstrated interest in medical research) - **Todd Officer**, junior;

*Devils Lake District Medical Society Scholarship*: **Amy Grimes**, sophomore, and **Cole Greves**, senior;

*Elizabeth Dryden Wiltrout Scholarship* (established by a gift from the estate of Mary Wiltrout Dryden by Sara Dryden in honor and memory of her mother) - **Christopher Paschall**, senior;

*Ray Duggan Scholarship Endowment* - **Jeffery Andersen, Jordan Coquette, Crystal Cunningham, Joshua Gebur, Jennifer Hockenberry, Justin Horner, Katie Krumwiede, Paul Lappinga,**

**Steven McCormack, Christopher Nelson, Melissa Samuelson, and Ann Valder**, all sophomores; **James Bares, Christina Broadwell, Justin Buls, Karna Colby, John Eickman, Kathleen Fisher, Andrea Howick, Kevin Karls, Kenric Malmberg, Jill Melicher, Leah Metz, Jamie Vennes**, all juniors; **Timothy Aadland, Janelle Dailey, Rene Fredstrom, Jeffrey Geddes, Sarah Hager, Rachel Hille, Randy Kjorstad, John Moore, Desirae Muirhead, Wesley Papenfuss, Derek Wayman and Daniel Zelen**, all seniors.

## Top Medical Students Receive Academic Achievement Awards

Sixteen medical students at the University of North Dakota School of Medicine and Health Sciences have been selected to receive Academic Achievement Awards for the 2002-03 academic year, according to **Judy DeMers**, associate dean for student affairs and admissions, Grand Forks.

Award recipients are:

Freshmen: **Andrew Bakke**, son of Laurie and **Eric Bakke, M.D. '88**, of Grand Forks; **Aaron Berg**, son of David and Pamela Berg of Lignite; **Joni Buechler**, daughter of Calvin and Caroline Buechler of Golden Valley; **Jason Erpelding**, son of Mark and Paula Erpelding of Manvel; **John Miller**, son of John and **Brenda Miller, M.D. '95**, of Bismarck, and **Melissa Teigen**, daughter of Tom and Kitty Teigen of Casselton.

These entering medical students were selected to receive the awards based on recommendation of the admissions committee.

These students were named award-winners based on their very strong academic performance during the preceding year.

Sophomores: **Jessica Anderson**, daughter of Elvin and Mary Anderson of Rugby; **Alyssa Hoverson**, daughter of Carl Hoverson of Grand Forks and Deborah Hoverson of Manvel; **Katie Hunt**, daughter of John and Kathleen Hunt of Brooklyn Park, MN;

Juniors: **William Kurtz**, son of William and Claudia Kurtz of Bismarck; **Gregory Mumm**, son of Gregory and Irene Mumm of Hankinson; **John Sillery**, son of George and Agnes Sillery of Wainwright, Alberta;

Seniors: **Heidi Philpot**, daughter of Dale and Nancy Erickson of Grand Forks; **Rebecca Hogan**, daughter of Dennis and Kathy Hogan of Fargo; **Christopher Howe**, son of Berdelte and Donna Howe of Fargo, and **Bao Huynh**, son of C. Huynh and D. Van of Brooklyn Park, MN.

"It is very important to the success of our medical school that we attract the brightest students to enroll here," DeMers said.

"These students bring great enthusiasm for learning and raise the quality of the educational experience for all students here. They contribute to the excellent reputation the school enjoys."

Students were selected to receive the awards based on superior academic achievement and potential for exemplary scholarly performance in the future. The school's Student Performance and Recognition Committee determined the number and distribution of the awards based on earlier Board of Higher Education policy.

## ALUMNI

*One of First 43 Physicians to Hold Credential*

### Alumna Completes Pioneering Integrative Medicine Program

**Linda Bradfield Gourneau, M.D. '89**, of New Town, ND, has completed the Associate Fellowship Program in Integrative Medicine at the University of Arizona.

The program, which requires two years of intensive training in areas such as botanical medicine, mind-body interactions and nutrition, was launched in the summer of 2000 by internationally recognized integrative medicine pioneer Andrew Weil, M.D.

The one-of-a-kind program combines residential sessions in Tucson, AZ, with a "distributed learning" model in which participants learn via the Internet in their own home or office.

**Gourneau, board-certified in family medicine, joined 42 other physicians from around the world** in a graduation ceremony last fall in Tucson.

"Dr. Gourneau has received the best training available in integrative medicine," said Weil. "I consider her fully prepared to go out in the world and help transform the practice of medicine and health care in the directions consumers want."

The program, which includes 1,000 hours of instruction, emphasizes clinical applications and collaboration to establish a broad knowledge base that will transfer into clinical practice, Gourneau said. It uses patient simulations, collaborative dialogues, research updates and dialogues, problem-solving exercises, selected reading, group projects and presentations.

The focus is on the practice application of approaches that are based on scientific evidence and/or a history of traditional use. Methods of healing are explored, and physicians gain the ability to discuss these areas with their patients and the practitioners of these disciplines.

The fellows in the program explore the art of medicine, the



*Linda Gourneau, M.D. '89, with her daughter, Mercedes, are members of the Three Affiliated Tribes.*

*In integrative medicine, Dr. Gourneau found support in her belief that Native people need a holistic approach.*

philosophy of medicine, medicine and culture, mind-body interactions, nutrition, botanicals, physical activity, spirituality, leadership and legal issues.

**Gourneau is also completing a self-designed Bush Leadership Fellowship. Her goals include developing a program of health care to address the needs of Native American people.**

During her years of working for the Indian Health Service and as a resident in family medicine at the UND Family Practice Center in Grand Forks, she recognized "definite differences in Natives' and non-Natives' attitudes toward health care.

"They (Natives) didn't seem to be focused on their health care needs," she said.

She attributes this phenomenon, similar to the effects of post-traumatic stress syndrome, to the disconnect that occurred when Native Americans lost their cultural, values and spiritual bases in this country's early years of Western expansion.

This disconnect has not been addressed for generations, she said, and so has ultimately led to higher-than-average incidences of heart disease, cancer, diabetes and other diseases.

In her study of integrative medicine, emphasizing a holistic approach, Gourneau found support in her belief that "our Native people need a holistic approach," she said, which will provide a "bridge back to the traditional model that we've lost."

---

## Alumni Notes

'63

**William Gehring, M.D. (B.S. Med. '63)**, practices family medicine at St. Alexius Hazen (ND) Family Clinic.

'67

**Carrie Sylvester, M.D., M.P.H. (B.S. Med. '67)**, has assumed the position of senior child and adolescent psychiatrist for Seattle Mental Health, a non-profit organization providing community mental health service for children and adolescents in King County. Their purview includes seven outpatient clinics, crisis intervention/wraparound, specialized foster care, and school mental health services for nine school districts.

"This is an interesting professional opportunity that allows me to join my children who are returning to Seattle where they were all born," she said.

Prior to accepting the new post in Seattle, she was professor of psychiatry and pediatrics and director of education in child and adolescent psychiatry at Northwestern University, The Feinberg School of Medicine in Chicago.

'72

**Bernard Hoggarth, M.D. (B.S. Med. '72)**, Grand Forks, has been appointed by Governor John Hoeven to a three-year term on the Interagency Coordinating Council. The council recommends how federal funds from the Individuals with Disabilities Education Act are spent. Members also provide preschool advice to the state Department of Public Instruction.

Hoggarth, a pediatrician with Altru Health System in Grand Forks, is a clinical professor of pediatrics at the UND School of Medicine and Health Sciences.

'85

**Ron Knutson, M.D. '85**, practices with the Pain Treatment Center Anesthesiologists in Bismarck.

He is a clinical associate professor of internal medicine at the UND School of Medicine and Health Sciences.

'87

**Jerry Obritsch, M.D. '87**, an obstetrician-gynecologist with Mid Dakota Clinic PrimeCare, Bismarck, has passed an evaluation process to become recertified as a diplomat with the American Board of Obstetrics and Gynecology. He received six years' recertification.

With the Department of Obstetrics and Gynecology at the UND School of Medicine and Health Sciences, he is a clinical associate professor and vice-chairman for the Southwest Campus.

'89

**Attas Boutrous, M.D. '89**, practices with the Pain Treatment Center Anesthesiologists in Bismarck.

He is a clinical assistant professor of surgery at the UND School of Medicine and Health Sciences.

'91

**Jon Larson, M.D. '91, and Julie (Breen) Larson, M.D. '91**, have joined the MeritCare Health System in Fargo.

Jon completed family medicine residency training at Womack Army Medical Center at Fort Bragg, NC. He previously served in primary care and community medicine at Irwin Army Community Hospital at Fort Riley in Kansas.

Julie completed residency training in family practice at Scott and White Memorial Hospital in Temple, TX. She practiced family medicine in Manhattan, KS, before moving to Fargo.

'96

**Kerry Muir, MPT '96**, Inkster, ND, has earned certification as a certified strength and conditioning specialist from the National Strength and Conditioning Association. Such certification is designed for professionals who design and implement strength training and conditioning programs for athletes in a team setting.

Muir runs Northwood (ND) Deaconess' summer sports enhancement program. In her clinical role, she specializes in the treatment of injured athletes.

## In Memoriam



**Myron Peterson, M.D. (B.S. Med. '57)**, who practiced orthopedic surgery for many years with Trinity Health Systems in Minot, passed away Dec. 18 in Minot. He was 69.

A native of Norwich, N.D., he graduated with a bachelor's degree from St. Olaf College in Northfield, MN, in 1955, before enrolling at the UND School of Medicine, where he earned the bachelor of science in medicine degree in 1957. He went on to complete the doctor of medicine (M.D.) degree from Northwestern University in Chicago,

and took residency training in orthopedic surgery at the University of Wisconsin at Madison.

After residency he returned to Minot and formed Orthopedic Surgery Associates with two physicians there. During his career, he served as Trinity's chief of staff as well as chief of surgery and as a member of Trinity's board of directors.

Dr. Peterson was well-known in the community for his involvement in numerous civic and professional organizations including the Fraternal Order of Elks, the Elks' Disabled Children's Foundation, First District Health Unit and the Scandinavian Heritage Association. He oversaw construction of the Gol Stav church which stands in the Scandinavian Heritage Park in Minot.

Dr. Peterson was highly respected among his peers and associates, and his wisdom, insight, humor and generosity will be missed by all who knew him.

## Opportunities

This special feature offers information for physicians and other health care professionals interested in practice opportunities in North Dakota. For more information about these listings or loan repayment programs, please contact **Mary Amundson, M.A.**, call 701-777-4018 or e-mail at [mamundsn@medicine.nodak.edu](mailto:mamundsn@medicine.nodak.edu)

### **BELCOURT**

#### **Aberdeen (SD)Area Indian Health Service**

Vina Bohling, Physician Recruiter  
800-693-9185  
[vina.bohling@ihsabr.ihs.gov](mailto:vina.bohling@ihsabr.ihs.gov)  
*Clinical director, general surgery, family practice, obstetrics, anesthesiology*

### **BEULAH**

#### **Missouri Slope Medical Arts**

Pam Fitzgerald, Manager  
701-873-4242  
[pfitzgeral@primecare.org](mailto:pfitzgeral@primecare.org)  
*Family practice*

### **CARRINGTON**

#### **Foster County Medical Center**

Mariann Doeling RN VPNS, Clinic Director  
701-652-3141  
[mariandoeling@hotmail.com](mailto:mariandoeling@hotmail.com)  
*Obstetrics, registered nurse*

### **COOPERSTOWN**

#### **Cooperstown Medical Center**

Dan Swenson, Administrator  
701-797-2221  
[coopermc@mlgc.com](mailto:coopermc@mlgc.com)  
*Family practice, registered nurse, licensed practical nurse*

### **DEVILS LAKE**

#### **Altru Clinic/Lake Region**

Joel Rotvold, Manager Branch Operations  
701-665-5227  
[jrotvold@altru.org](mailto:jrotvold@altru.org)  
*Family practice with obstetrics*

### **DICKINSON**

#### **Dickinson Clinic**

Rod Mitzel, Clinic Administrator  
701-225-5183  
[rmitzel@mohs.org](mailto:rmitzel@mohs.org)  
*Internal medicine*

### **FARGO**

#### **Family HealthCare Center**

Shane Waslaski  
701-239-7171, Ext. 16  
[swaslaski@famhealthcare.org](mailto:swaslaski@famhealthcare.org)  
*Family practice with obstetrics*

### **FORT YATES**

#### **Aberdeen (SD)Area Indian Health Service**

Vina Bohling, Physician Recruiter  
800-693-9185  
[vina.bohling@ihsabr.ihs.gov](mailto:vina.bohling@ihsabr.ihs.gov)  
*Clinical director*

### **HAZEN**

#### **Hazen Family Clinic**

Sheila Hildebrand, Clinic Coordinator  
701-748-2256  
[shildebran@primecare.org](mailto:shildebran@primecare.org)  
*Family practice*

### **HETTINGER**

#### **West River Health Clinics**

Jim K. Long, Administrator  
701-567-6183  
[jjml@wrhs.com](mailto:jjml@wrhs.com)  
*Family practice with obstetrics and general surgeon*

### **JAMESTOWN**

#### **Dakota Clinic Jamestown**

Dick Reis  
1-800-882-7310  
[dreis@dakcl.com](mailto:dreis@dakcl.com)  
*Family practice with obstetrics*

### **North Dakota State Hospital**

Lyle Grove  
701-253-3015  
[grovel@state.nd.us](mailto:grovel@state.nd.us)  
*Psychiatry*

### **LANGDON**

#### **Cavalier County Memorial Hospital**

Stuart Schneider, Administrator  
701-256-6100  
[ccmh@utma.com](mailto:ccmh@utma.com)  
*Family practice, nurse practitioner, registered nurse, licensed practical nurse*

### **NORTHWOOD**

#### **Altru Clinic/Northwood**

Wayne Larson  
701-780-6128  
[wlarson@altru.org](mailto:wlarson@altru.org)  
*Family practice*

### **OAKES**

#### **Oakes Community Hospital**

Jill Skillings  
701-742-3837  
fax: 701-742-3639  
[jillskillings@chi-midwest.org](mailto:jillskillings@chi-midwest.org)  
*Registered nurses including assistant director of nursing, laboratory manager, pharmacy manager*

### **RICHARDTON**

#### **Richardton Health Center**

Peggy Piehl, Administrator  
701-974-3304  
[richhc@ndsupernet.com](mailto:richhc@ndsupernet.com)  
*Family nurse practitioner, registered nurse*

### **ROLLA**

#### **Presentation Medical Center**

Holly Cahill  
701-477-3161  
[pmc@utma.com](mailto:pmc@utma.com)  
*Clinical laboratory scientist, licensed practical nurse - ER/OR, registered nurse*

### **Rolla Clinic**

June Banse, Administrator  
701-477-3111  
[rclinic@utma.com](mailto:rclinic@utma.com)  
*Family practice*

### **RUGBY**

#### **Johnson Clinic, PC**

Carol Schwan, Administrator  
701-776-5235  
[cls@stellarnet.com](mailto:cls@stellarnet.com)  
*Internal medicine and family practice*

### **TIOGA**

#### **Tioga Medical Center**

Lowell Herfindahl, CEO  
701-664-3305  
[lowell@nccray.net](mailto:lowell@nccray.net)  
*Family practice, internal medicine*

### **WAHPETON**

#### **Dakota Clinic Wahpeton**

Dick Reis  
1-800-882-7310  
[dreis@dakcl.com](mailto:dreis@dakcl.com)  
*Family practice with or without obstetrics*

### **WILLISTON**

#### **Craven Hagen Clinic**

Janice Arnson, Vice President for Support Services  
701-774-4788  
[Janicearnson@chi-midwest.org](mailto:Janicearnson@chi-midwest.org)  
*Anesthesiology, general surgery, psychiatry, non-invasive cardiology, orthopedic surgeon, and obstetrics-gynecology*

### **WISHEK**

#### **Wishek Community Hospital and Clinics**

C. Gary Kopp, Administrator  
701-452-2326  
[wchcbek@bektel.com](mailto:wchcbek@bektel.com)  
*Family practice or internal medicine, registered nurse, radiology technician*

# The University of North Dakota Foundation

Compare these Gift Annuity rates to current fixed income rates!

ONE-LIFE		TWO-LIFE	
Age	Rate	Age	Rate
60	6.0	60/65	5.6
65	6.3	65/70	6.0
70	6.7	70/75	6.3
75	7.3	75/80	6.8
80	8.3	80/85	7.5
85	9.7	85/90	8.6
90+	11.5	90/90	9.5

Invest in your future...  
And ours, with a Gift Annuity

Our Gift Annuities provide a solution!

- High rate of return
- Income tax deduction
- Partially tax-free income
- Opportunity to make a special gift
- Maintain or increase your income



To discover how a Gift Annuity can meet your needs as well as the medical school's, contact us today for a confidential visit.

UND Foundation • PO Box 8157 • Grand Forks, ND 58202 • 701-777-2611 or 1-800-543-8764  
Email: robc@undalumni.org • www.undalumni.org

**YES! I'd like more information.**

- Please send me a free brochure on gift annuities.
- I would like a personal illustration of how a gift annuity would benefit me.
- I'm considering making a gift to the UND School of Medicine and Health Sciences.  
Please call me at this time: \_\_\_\_\_ a.m./p.m.

*This information is strictly confidential.*

*(please print)*

\_\_\_\_\_  
Name

\_\_\_\_\_  
Telephone

\_\_\_\_\_  
E-mail

\_\_\_\_\_  
Address

\_\_\_\_\_  
City, State

\_\_\_\_\_  
Zip

*Please clip and send to:  
UND School of Medicine and Health Sciences, PO Box 9037,  
Grand Forks, ND 58202-9037*

**The Review**

School of Medicine and Health Sciences  
The University of North Dakota  
P.O. Box 9037  
Grand Forks ND 58202-9037

Periodical POSTAGE PAID



**ADDRESS SERVICE REQUESTED**