

THE REVIEW

UNIVERSITY OF NORTH DAKOTA
SCHOOL OF MEDICINE & HEALTH SCIENCES



R

Research is one of the most important elements in the mission of the UND School of Medicine and Health Sciences. It embodies the essence of what universities, over the centuries, have existed to do: create and transfer new knowledge. This is an environment of questioning, searching minds, seeking to untangle life's puzzles for the benefit of humanity. Above, Sushil Sharma, Ph.D., research assistant professor of pharmacology, physiology and therapeutics, Grand Forks, conducts research relating to Parkinson's Disease.

IN REVIEW



Medical students Kevin Karls (center), president of the Student Council, and council members Jared Bratvold (left) and Mike Grant, with gifts gathered as part of a project aimed at brightening Christmas for needy people in the area

Students Organize Gift-giving Project for Needy

UND School of Medicine and Health Sciences' Student Council members sponsored a Holiday Giving Tree last month to gather Christmas gifts for local people in need.

The tree was adorned with tags, featuring recipients and gift suggestions, provided by caseworkers at Northeast Human Services Center in Grand Forks. Students, faculty and staff were invited to

take a tag and purchase a gift for foster children, adults with serious and chronic mental illness and people with developmental disabilities, among others, according to **Kevin Karls**, second-year medical student and president of the council.

The giving tree "is a neat way to get into the spirit of Christmas and to really help someone with need," he said.

THE REVIEW, SCHOOL OF MEDICINE AND HEALTH SCIENCES, University of North Dakota, CHARLES E. KUPCHELLA, President, University of North Dakota; H. David Wilson, 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 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.*

Calendar

March 20-22

Dakota Conference on Rural and Public Health, Fargo Holiday Inn; for more information, contact Brenda Keller, UND Division of Continuing Education, 701/777-2663 or 1-800-342-8230; fax 701-777-6401; e-mail: conferences@mail.und.nodak.edu

April 18

Frank N. Low Research Day, UND School of Medicine and Health Sciences, 501 N. Columbia Road, Grand Forks; for more information, call Lori at 701/777-6226; keynote speaker: Mary Hendrix, Ph.D., chairwoman of the Department of Anatomy and Cell Biology, University of Iowa, Iowa City

May 4

M.D. Commencement, Doctor of Medicine Class of 2002, 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 the Office of the Dean, 701/777-2514

May 11

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

May 22-24

UND Alumni Days, honoring classes of '42, '47, '52 and '57, UND campus, Grand Forks, for more information, call Stacy at 1-800-543-8764

Change of address?

Please report address changes to: **Kitty Monley**, Office of Administration and Finance, 701/777-2431, between 8 a.m. and 4:30 p.m. weekdays. Or write to her at: UND School of Medicine and Health Sciences, P.O. Box 9037, Grand Forks, ND 58202-9037 or (by e-mail) kmonley@medicine.nodak.edu

Visit our web site:

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

DEAN'S LETTER

Setting our Goals High, For the Good of All

Research: The Next Great Leap

Research is a very important component of the mission of the University of North Dakota School of Medicine and Health Sciences. A reflection of the intellectual vigor of the institution, it embodies the essence of the university: the creation and conveyance of new knowledge.

It is essential to the lifeblood of the institution that its members participate in the quest for solutions to problems which affect mankind. At the medical school, we encourage the spirit of inquiry and pursuit of answers to the riddles underlying disease and disease processes.

As a result of strategic planning at UND, led by President Charles Kupchella, a goal has been set: to attain \$100 million in outside funding in the next five years. (The university attracted about \$45 million in 2000-01.) This ambitious goal will put our faculty researchers and administrators to the test. It will stimulate us to "stretch" considerably, but we believe this goal is reachable.

As expected, the UND School of Medicine and Health Sciences will be a major player in attaining this substantially higher level of research funding. Along with several other investigative centers at

UND, we will need to work together in even more effective ways to raise the research enterprise to new heights.

To this end, we have begun the search for the first vice president for research at UND. This individual must possess a set of qualifications and proven leadership abilities that ensures our advancement. As chairman of the search committee, I can tell you this is no easy task but we continue to define and refine our ideas in an effort to assure a good "fit" for this critically valuable post.

Prospects excellent for substantially increasing research funding

At the School of Medicine and Health Sciences, we are pleased to report a "banner year" for research funding. We expect to increase our research funding to \$15 million in the near term and, further, we will be aiming our efforts at pushing that figure to \$20-30 million within five years. Exciting opportunities to expand our research laboratory space are taking shape on the horizon. The prospect of construction has become more tangible with the passage of the latest federal funding plans.

With these and other exciting developments, I look forward to working with my colleagues at the medical school - as well as the outstanding leaders we will seek to recruit - to achieve this important element of the strategic plan.



H. David Wilson, M.D.

Plan now to attend the Dakota Conference on Rural and Public Health

It is my pleasure to invite everyone to the annual Dakota Conference on Rural and Public Health coming up March 20-22 in Fargo. This event draws health care professionals from throughout the region who wish to learn more about how they might improve and strengthen health care services and programs in their home communities.

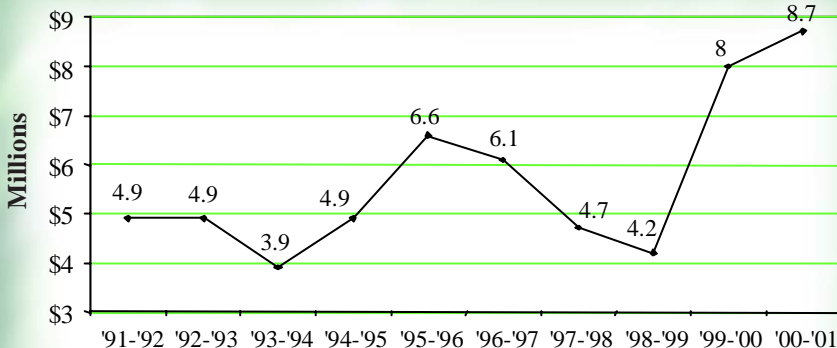
Sponsored in part by the Center for Rural Health at the UND School of Medicine and Health Science, the conference offers participants an extraordinary opportunity to hear esteemed leaders in health care. Organizers have assembled an impressive array of speakers and topics for this conference. Exchanging ideas and information is a great benefit for all who attend.

For more information or to register, please contact the UND Office of Conference Services at 701/777-2663 (or 1-800-342-8230); e-mail:

conferences@mail.und.nodak.edu.

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

Medical School Grants and Contracts Awards History



1st Quarter	'01-'02	\$ 7,393,532
Full year	'00-'01	\$ 8,730,593

Total for a nine-year period \$ 64,362,235
USDA construction funds \$ 9,493,390
Grand Total \$ 73,855,625

Research Insights May Be Valuable in Countering Bioterrorism

What's Good About the Plague?

While there may be no such thing as a good infectious disease, there's no question that bubonic plague is a good disease for researchers to study. Studying Yersinia pestis – the bacteria that cause the plague – at the molecular level could lead to the development of new vaccines and improved antibiotics, according to Matthew Nilles, Ph.D., assistant professor of microbiology and immunology, Grand Forks. Nilles' laboratory is one of a handful in the United States studying the Yersinia bacterium. However, since the Sept. 11 terrorist attacks and the anthrax attacks that followed, interest in research on bubonic plague and other infectious diseases is growing.

"There are a couple of reasons why," Nilles says. "First, it's one of the three leading candidates for bioterrorism or biological warfare weaponry. Second, it's a very good disease model, which is my interest."

By conducting research that furthers the scientific understanding of how bubonic plague is caused, much of what's learned in the laboratory can be broadly applied to other diseases. These include *Salmonella*, dysentery (*Shigella*), infections affecting cystic fibrosis patients (*Pseudomonas*) and bacteria that infect burn wounds.

"Plus, there's a whole host of other animal and plant diseases that act in similar aeruginosa manners," Nilles says.

Spread by rats carrying infected fleas, bubonic plague – also known as the Black Plague or Black Death – swept across Europe and Asia in the 14th century, killing millions. In contrast, Nilles says that today there is an average of 12 cases a year in this country and about 3,000 worldwide, which is why, until recently, interest in *Yersinia* was limited.

But with the National Institutes of Health (NIH) planning to increase federal funding for research on bioterrorism agents from \$47 million last year to more than \$80 million next



Yersinia pestis
bacteria

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year and the U.S. Department of Defense showing interest, Nilles expects more attention to be focused on *Yersinia* because of the advantages it offers microbiology researchers.

"The bacteria have unique properties that allow us to do things and see things that you can't see in other diseases," he explains.

For example, *Yersinia* is highly virulent, which means that not many bacteria are needed to provide a fatal dose.

"We can infect a mouse with about 10 bacteria and that will lead to a lethal infection. With other diseases, such as *Salmonella*, you give doses more on the order of a million to 10 million bacteria to get a lethal infection," he says. "This gives us a bigger window in which to study what happens. **One of the strengths of studying *Yersinia* is that we can detect subtle changes affecting the disease process that can't be seen as well in other**

diseases."

Nilles is especially interested in how the *Yersinia* bacteria inject toxins into healthy cells of the immune system. A paper on the subject that he co-authored with Jyl Matson, a doctoral student of microbiology at the UND School of Medicine and Health Sciences, Grand Forks, was published in the September 2001 *Journal of Bacteriology*.

Using a process known as Type III secretion, it's as if "the bacteria have a little hypodermic syringe" that they use to inject toxins directly into the cells of a host organism, specifically targeting cells in the immune system that normally recognize and destroy bacterial invaders.

"We've been working on two particular proteins that physically interact with one another," he says. "What we've found is that the interaction between these two

By conducting research that furthers the scientific understanding of how bubonic plague is caused, much of what's learned in the laboratory can be broadly applied to other diseases.



*In the Department of Microbiology and Immunology, Matthew Nilles, Ph.D., originally from Carrington, ND, is studying the bacteria, *Yersinia pestis*, one of the three leading candidates for bioterrorism or biological warfare weaponry. It's a "very good disease model," says Nilles whose research also may be applied to improving the treatment of infections affecting cystic fibrosis patients and bacteria that infect burn wounds.*

proteins is required to get the secretion apparatus to open up. We believe that one of these proteins (called LcrG) somehow blocks the secretion apparatus. Its interaction with the other protein (called LcrV) opens up the secretion apparatus. This interaction is critical to get the toxins out of the bacteria."

The protein that serves as the unblocking agent (LcrV) is a leading candidate as a vaccine for bubonic plague, considered one of the top bioterrorism threats, Nilles says.

"If you immunize mice with this protein and then inject them with lethal doses of *Yersinia pestis*, they're protected from the disease," he says.

The protein that serves as the unblocking agent is a leading candidate as a vaccine for bubonic plague, considered one of the top bioterrorism threats.

In addition, Nilles' research could potentially be applied to developing more effective antibiotics.

"By understanding how this complex secretion system works at a molecular level, we could target the activity of this specific secretion system to design drugs and then use those as antibiotics against any of the bacteria that make this Type III secretion," he says.

Despite the fact that bubonic plague is a highly contagious and deadly disease, Nilles says there's no danger of his research spreading it to the outside world. That's because the strain of *Yersinia* used in the lab is a naturally-mutated variant, missing a key chromosomal element. Eating or inhaling it won't cause the disease. It must be injected directly into the bloodstream. In addition, safety procedures ensure that all bacteria are destroyed on equipment and clothing.

"There is a good market for what we're doing," Nilles says. "For a while, we figured that infectious diseases were all done because we have antibiotics. But that's not entirely the case. Bacteria are clever. They develop a resistance to the antibiotics. That's why there's now a lot of interest in basic infectious disease research."

Such research provides economic benefits to North Dakota in the form of dollars brought in from grants and contracts that enable researchers to be hired. In addition, Nilles says that if a new vaccine is designed or a new antibiotic is developed at UND, the university would have ownership of the patent.

Editor's note: This article was written by Patrick Miller, public information officer for the BRIN (Biomedical Research Infrastructure Network) Program.

UPDATE

Smego Named Chairman of Internal Medicine Department

Raymond Smego, Jr., M.D., has been named chairman of the Department of Internal Medicine at the University of North Dakota (UND) School of Medicine and Health Sciences. He replaces **James Hanley, M.D.**, who plans to move to Colorado.

Smega, a native of Joliet, IL, is the Ibne-e-Sina Professor and Chairman in the Department of Medicine at Aga Khan University Medical College in Karachi, Pakistan. Beginning Feb. 15 in his new post with the UND medical school, he holds the academic rank of professor.

Based at the medical school's Fargo campus, he will practice and teach medical students and residents-in-training at MeritCare Health System there.

"We are pleased and excited to welcome Dr. Smego to one of the most important appointments at the UND medical school," said **Dean H. David Wilson, M.D.** "He brings an extraordinary background as a medical researcher and educator as well as outstanding capabilities as a physician to this position. We know he will be an excellent role model for our students and residents."

After undergraduate studies at the

University of Rhode Island and the University of Notre Dame, where he completed a bachelor of science degree with honors, he obtained his medical education at the New Jersey Medical School.

He went on for residency training at Yale University's Greenwich Hospital, and later pursued a clinical and research fellowship in infectious diseases at Duke University.

He holds a master's degree in public health from Johns Hopkins School of Hygiene and Public Health and a doctorate in tropical medicine and health from West Virginia University. He took pediatric residency training for two years at the Robert C. Byrd Health Sciences Center of West Virginia University.

Prior to joining the Aga Khan University in February 2000, Smego was professor and chairman of the Department of Infectious Diseases and Clinical



Smego

Microbiology and director of the HIV clinical research unit at the University of Witwatersrand and the South African Institute for Medical Research in Johannesburg, Republic of South Africa.

His research has been published widely in scientific journals and texts. His major interests include: disease surveillance and control, health care delivery systems, immunizations, tuberculosis and fungal diseases, evaluation of antimicrobial agents, and HIV/AIDS.



Roger Sopher, M.D., professor and chairman of pathology, Grand Forks, accepts congratulations from colleagues at his retirement reception.

for Historic Purposes...

Class Photos Needed

Do you have any class pictures from the UND medical school class of 1911 through 1936 and 1939?

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, according to **Robert Fischer, Ph.D.**, professor and chairman emeritus of microbiology, Grand Forks. But despite searching high and low, we are missing some class pictures.

If you have (or someone in your family has) a photo of your class from the years mentioned above, please contact Fischer at the UND School of Medicine and Health Sciences, P.O. Box 9037, Grand Forks, ND 58202-9037. You may also reach him through the Office of Public Affairs, 701/777-4305 or e-mail us at: mlucke@medicine.nodak.edu.

All photos will be returned, with our thanks.

(It is possible that some class pictures were never taken, what with major world events and other distractions. If you know that's the case for your class, we'd like to hear from you too.)

Pathology Chairman

Sopher Retires

Roger Sopher, M.D., chairman and professor of pathology, Grand Forks, retired recently after serving in teaching and administrative capacities for the UND School of Medicine and Health Sciences for the past 13 years.

Sopher and his wife, Judith, have relocated to Corrales, New Mexico.

A search committee, headed by **James Mitchell, M.D.**, chairman and professor of neuroscience, Fargo, has been formed to look for a permanent replacement.

Wilson Award in Neurosciences Established to Honor Outstanding Faculty Members

The H. David Wilson Award in Neurosciences has been established at the University of North Dakota School of Medicine and Health Sciences by a major gift from **Manuchair Ebadi, Ph.D.**, associate dean for research and program development, Grand Forks, to the UND Foundation.

The gift, given in honor of UND's vice president for health affairs and medical school dean, will provide for an award which recognizes distinguished members of the school's basic and clinical science faculty who have established a

sustained record of achievement in the neurosciences.

The award was formally announced and a commemorative plaque unveiled at an inauguration ceremony last month.

The first recipient will be presented with an honorary plaque and a \$500 prize during medical school commencement activities in May.

Nominations are being accepted through the Office of Research and Program Development. For more information, please contact Ebadi at 701-777-6269 or e-mail: mebadi@medicine.nodak.edu.

Martha and Billie Adams Fund to Support Lectureship in Physician Assistant Program

Billie Adams, a computer specialist in the Department of Community Medicine, had a major cerebral hemorrhage and passed away November 30 in an Omaha, NE, hospital. He was 60.

He was a valued member of the UND medical school staff for the past 15 years.

The name of the memorial fund that was created (and reported in the November '01 REVIEW) to honor his wife, **Martha Adams** a faculty member who died in September, has been changed to: The Martha and Billie Adams Fund. Donations will be used to support an endowed lectureship.

If you wish to remember Billie and Martha and their contributions to the medical school, the department and the



Martha and Billie Adams

Physician Assistant Program, please send your gifts, payable to the UND Foundation, to the UND School of Medicine and Health Sciences, Department of Community Medicine, Box 9037, Grand Forks, 58202-9037, attn: James Brosseau, M.D.

Gifted Teacher and Doctor, Peter Czernek, Dies

Peter Czernek, M.D., clinical professor of internal medicine, Fargo, passed away Dec. 21 at the Fargo Veterans Administration (VA) Medical Center after a short battle with cancer. He was 59.

A native of Poland, Dr. Czernek received his medical degree from the Medical Academy in Lodz, Poland, in 1964. He and his wife escaped Communist-occupied Poland in 1971. After a year in Paris they immigrated to the U.S. where he completed residency training in internal medicine through the New York Medical College at the Metropolitan Hospital Center in New York City.

In 1982 Dr. Czernek moved with his family to Fargo where he taught for the UND medical school and practiced at the VA hospital. He served as chief of geriatric medicine in the school's Department of Internal Medicine. He received an instructor of the year award.

"He was the ultimate teacher," said Randy Moore, M.D., radiation oncologist with MeritCare Roger Maris Cancer Center, Fargo. "He taught his pupils the love that life had to offer. He carefully described the intricate work of medicine and the impact it has..."

In 1998, he joined MeritCare Health Systems in Fargo where he continued to teach residents and practice as a hospitalist. He was chairman of the systems' ethics committee and served on the Medical Advisory Board for Red River Valley Hospice. He was passionate about patient care, especially palliative care, as well as teaching.

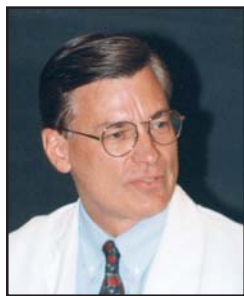
He is survived by his wife, Jolanta; son, Chris (Ana), Fargo, and daughter, Monica, Reno, NV.

The family requests donations in Dr. Czernek's name to Hospice of the Red River Valley, 702 28th Ave. N., Fargo, ND 58102.



ALUMNI

Brosseau Receives Laureate Award from American College of Physicians



James Brosseau, M.D. (B.S. Med. '68), chairman and associate professor of community medicine, Grand Forks, has been selected to receive the Laureate Award from the American College of Physicians, North Dakota chapter.

The award is given to one doctor in each state annually to honor college fellows who have demonstrated excellence in medical care, education, research and community service.

A native of Drayton, Brosseau attended the UND School of Medicine for the first two years of medical education and went on to complete the M.D. degree at the University of Minnesota.

In Grand Forks, he has practiced at Altru Health System since 1978 and helped to establish Altru's Diabetes Center in 1998.

He and his wife, Jolene, have three children and reside in Grand Forks.

Alumni Notes

'67

Gary Pramhus, M.D. (B.S. Med. '67), is an ophthalmologist in Fargo.

After completing the B.S. Med. degree at the UND School of Medicine, he earned the M.D. degree at Northwestern University School of Medicine in Chicago.

'74

Steven Bagan, M.D. (B.S. Med. '74), is an ophthalmologist in Fargo.

After earning the B.S. Med. degree at the UND School of Medicine, he went on to complete requirements for the M.D. degree at Baylor College of Medicine in Houston.

'81



Pierre Rioux, M.D. '81, Austin, MN, and formerly of Minot, has received the North Dakota Psychiatric Society's Distinguished Service Award. The award is given in recognition of his exemplary service, accomplishments and leadership as a past North Dakota Psychiatric Society president and national assembly representative.

Rioux is medical director for the psychiatric inpatient unit at Mayo Health Systems in Austin. A clinical professor of neuroscience at the UND School of Medicine and Health Sciences, he also has been named a fellow in the American Psychiatric Association.

'82

Mark Ebertz, M.D. '82, practices dermatology at Mid Dakota Clinic - Gateway Mall in Bismarck. The board-certified dermatologist provides a full array of skin care services.

Prior to joining Mid Dakota, he practiced for several years in Minot.

Russell Emery, M.D. '82, practices family medicine at Family Medical Center North in Bismarck.

The board-certified family physician completed family medicine residency training at the UND School of Medicine and Health Sciences' Family Practice Center in Bismarck in 1985.

'85

Kaye Obregon, M.D. '85, practices pediatrics at Mid Dakota Clinic PrimeCare in Bismarck.

'90

Catherine Fisher, M.D. '90, is a pathologist with Medcenter One Health Systems in Bismarck.

She and Jeffrey Gerving, a mortgage officer with Gate City Bank in Bismarck, were married Dec. 28 in Fargo.

'92



Kim Konzak-Jones, M.D. '92, Cando, has joined the UND Family Practice Center on the UND campus in Grand Forks. She is assistant director of the family medicine residency program at the center.

Board-certified in family medicine, she practiced at the Towner County Medical Center in Cando from 1995 to September 2001.

She completed residency training in the UND School of Medicine and Health Sciences' family medicine program in Grand Forks in 1995.

She and her husband, Lee, have two children, Zachary, 15, and Ramsey, 7.

'93

Steven Johnson, M.D. '93, is a general and vascular surgeon with Mid Dakota Clinic in Bismarck.

'94

Brent Herbal, M.D. '94, practices interventional radiology at St. Alexius Medical Center in Bismarck.

After completing the M.D. degree, he went on to complete residency training at the UND School of Medicine and Health Sciences' affiliated hospitals in Fargo and the Medical College of Georgia in Savannah, GA.

'94, *continued*

Hayley Svedjan Walz, M.D. '94, and Joel Walz, M.D. '94, Grand Forks, became parents to a daughter, born Nov. 2.

Both physicians completed residency training in family medicine at the UNDSMHS Family Practice Center in Bismarck in 1997 and established their practices with the Altru Health System in Grand Forks.

'95

Biron Baker, M.D. '95, a board-certified family physician, has established his practice at Family Medical Center North, a division of Medcenter One in Bismarck.

Prior to joining the Bismarck clinic, he practiced with the Indian Health Service at Fort Berthold in New Town and Standing Rock at Fort Yates in North Dakota.

He completed residency training at the UND School of Medicine and Health Sciences' Family Practice Center in Bismarck in 1998.

'96

Mike McGregor, Physician Assistant Program '96, has joined Innovis Health in Fargo where he works in orthopedics.

Prior to joining Innovis he was employed by MeritCare Medical Group in the area of family medicine.

McGregor also has served 20 years in the North Dakota Army National Guard.

He lives with his wife and four children in Fargo.



Jody Treuer, M.D. '96, has joined Altru Health System's Radiology Department in Grand Forks.

After earning the doctor of medicine (M.D.) degree at UNDSMHS, she went on for residency training in radiology at Mayo Graduate School of Medicine in Rochester, MN. She recently completed a musculoskeletal fellowship at the Mayo Graduate School of Medicine.

A member of the American College of Radiology and the American Medical Association, Treuer is certified by the American Board of Radiology.

She and her husband, Robert, became parents to a son on Nov. 18.

'97

Shaun Lehmann, M.D. '97, is pursuing advanced training in a fellowship program in sport medicine/spine this year at Baylor College of Medicine in Houston.

Last June, he completed residency training in physical medicine and rehabilitation at Baylor College of Medicine where he also served as chief resident.

"I have always appreciated the strong foundation I received while attending the UND medical school," he wrote in a recent letter to the school.

'I have always appreciated the strong foundation I received while attending the UND medical school.'

Shaun Lehmann, M.D. '97
Houston, TX

Khaled Rabadi, M.D. (Internal Medicine Residency Program '97), has joined the nephrology department at Altru Health System in Grand Forks.

He received his medical degree from the University of Jordan in Amman and completed residency training at American University of Beirut Medical Center and the UND School of Medicine and Health Sciences' internal medicine residency program, based in Fargo.

Jeffrey Row, M.D. '97, psychiatrist, has joined the MeritCare Neuroscience Center in Fargo. He has a special interest in affective disorders and has worked in the mental health field for the past 25 years.

After earning the M.D. degree at the UND School of Medicine and Health Sciences, he went on for post-graduate training in Fargo through the medical school's psychiatry residency program which he completed in August.

He and his wife, Mary, and their four children reside in Fargo.

'98

Jason Moe, M.D. '98, family physician, has joined MeritCare Health System's Jamestown (ND) Clinic.

After earning the M.D. degree at the UND School of Medicine and Health Sciences in 1998, he went on to complete residency training in family medicine last June at the school's Family Practice Center in Bismarck.

'01

Robert Wells, M.D. (Bismarck Family Medicine Residency Program '01), has joined the MeritCare Health System's clinic in Jamestown (ND).

He earned his medical (M.D.) degree at Dartmouth School of Medicine in Hanover, NH, prior to pursuing postgraduate training at the UND School of Medicine and Health Sciences' family medicine residency program in Bismarck.

In Memoriam

Richard Dach, M.D. (B.S. Med. '38), of Portland, OR, has passed away.

After completing the B.S. Med. degree at the UND School of Medicine he went on to earn the M.D. degree at Northwestern University School of Medicine in Chicago.

During his career he specialized in obstetrics and gynecology.

Opportunities

This special feature of THE REVIEW offers information for physicians and other health professionals interested in practice opportunities in North Dakota. For additional information about the practice opportunity listings, or loan repayment programs, please contact Mary Amundson, M.A., mamundsn@medicine.nodak.edu

ASHLEY

Ashley Medical Center
Kathy Hoeft, Administrator
701-288-3433
khoeft@primecare.org
Registered nurse, licensed practical nurse

ABERDEEN, SD

Aberdeen Area Indian Health Service
Vina Bohling, Physician Recruiter
800-693-9185
vina.bohling@ihsabr.ihs.gov
Belcourt: *General surgery, family practice, obstetrics, anesthesiology*
Fort Yates: *Family practice*
Fort Totten: *Family practice*

BISMARCK

Medcenter One
Sue Jacobson
800-932-8758
sjacob@mohs.org
Medcenter One/Beulah
Family practice
Medcenter One Dickinson Clinic
Internal medicine, general surgery
Medcenter One Jamestown Clinic
General surgeon
St. Alexius Medical Center
Nancy Willis
701-530-7615
nwillis@primecare.org
St. Alexius Missouri Slope Clinic/Beulah
Family practice with obstetrics

BOTTINEAU

St. Andrew's Health Center
Dave Peyok
sahc@utma.com
701-228-2255
Family practice, internal medicine, registered nurse, licensed practical nurse

BOWMAN

St. Luke's Tri-State Hospital
Darold Bertsch, Administrator
dbertsch@swhealthcare.net
701-523-5265
Family practice

CARRINGTON

Foster County Medical Center
Mariann Doeling, RN VPNS, Clinic Director
701-652-3141
mariandoeling@hotmail.com
Family practice, internal medicine, nurse practitioner, physician assistant

CAVALIER

Pembina County Memorial Hospital
Les Wiestock, Administrator
les.wiestock@bannerhealth.com
701-265-8461
Registered nurse, general surgeon

COOPERSTOWN

Cooperstown Medical Center
Dan Swenson, Administrator
701-797-2221
gchnha@corpcomm.ne
Family practice, registered nurse, licensed practical nurse

CROSBY

Crosby Clinic
Keith Baker, Clinic Manager
701-965-6349
ccclinic@nccray.com
Family practice or internal medicine

DEVILS LAKE

Altru Clinic/Devils Lake, Lake Region Clinic, PC
Joel Rotvold, Administrator
701-665-5227
jrotvold@lakeregionclinic.com
Family practice, family nurse practitioner, physician assistant

GRAND FORKS

Altru Health System
Wayne Larson
701-780-6128
wlarson@altru.org
Altru Clinic/Northwood
Family practice

Northeast Human Services Center

Bob Sanderson
701-795-3088
84sanr@state.nd.us
Psychiatrist

HETTINGER

West River Regional Medical Center
Jim Long, CEO
701-567-6183
jiml@wrhs.com
Family practice (with obstetrics), internal medicine, general surgeon, registered nurses, licensed practical nurses, radiologic technologists

KENMARE

Kenmare Community Hospital
Jared Ferguson, Administrator
jferguson@cini.net
701-385-4296
Family practice, registered nurses

LANGDON

Cavalier County Memorial Hospital
Stuart Schneider, Administrator
701-256-6100
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Family practice, nurse practitioner

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Richardton Health Center
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Nurse practitioner, physician assistant

STANLEY

Mountrail County Medical Center
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WATFORD CITY

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Family practice

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Dave Miedema
Executive Vice President,
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H. David Wilson, M.D.
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