
THE REVIEW

UNIVERSITY OF NORTH DAKOTA SCHOOL OF MEDICINE & HEALTH SCIENCES



While most students take off for spring break sun and fun, several UND medical students traveled to the Honduras to offer much-needed health care services in March. Above, Marissa Wisdom, second-year student, examines a little girl at a clinic in El Triunfo. Wisdom spent ten days in Honduras with other students Jennifer Yarger, Alyssa Hoverson and Sarah Schatz and supervising faculty members, Jon Allen, M.D. '84, assistant professor of internal medicine, and Warren Jensen, M.D. (B.S. Med. '80), clinical associate professor of community medicine, both of Grand Forks. Wisdom is the daughter of Virgil and Debra Wisdom of Washburn, ND.

Auditorium to be Named for State Senator Evan Lips of Bismarck

The 70-seat auditorium in in the UND medical school's University Health Facility will be named for UND alumnus and State Senator Evan Lips, Bismarck, who served more than three decades in the North Dakota Legislature.

The State Board of Higher Education approved the request at its regular meeting in March at Bismarck. The dedication ceremony is set for 3 p.m., May 6.

The auditorium is part of the Clinical Education Center at 725 Hamline, just south of Barnes and Noble on the north end of the UND campus in Grand Forks.

The naming decision is based on Lips' long-time support and advocacy for education in North Dakota, particularly for medical education. He was most influential at critical junctures in the school's history, most notably when the legislature considered the wisdom of allowing the school to convert from a two-year to a full, four-year, M.D.-degree granting program in the early 1970s and when additional funds were essential to construction of the Biomedical Research Facility (animal research quarters) in the late 1990s.

To: Alumni Finishing Residency Training What Are Your Plans?

If you are nearing the end of residency training, we'd like to hear from you. Physician-alumni who are about to make the transition to practice or pursuing a fellowship, please send:

- where you plan to practice (city, state)
- name of hospital or clinic you'll be joining
- fellowship program (specialty, institution, city, state)

If you're changing residency programs,

please let us know:

- your new residency program (specialty, your status (year) in program)
- institution and location (city, state)

Send to: UND School of Medicine and Health Sciences, Office of Administration and Finance, attn: **Kitty Monley**, P.O. Box 9037, Grand Forks, ND 58202-9037; or call 701-777-2431, or e-mail: kmonley@medicine.nodak.edu

Thanks much!

Mrs. W.E. Cornatzer Passes Away

Margaret Cornatzer, wife of **W.E. (Gene) Cornatzer, M.D., Ph.D.**, founding chair and professor of biochemistry at the UND School of Medicine and Health Sciences, died March 30, on her 57th wedding anniversary, in Huntsville, AL. She was 79.

Dr. and Mrs. Cornatzer lived 39 years in Grand Forks where their children were born and where she was very active in several art associations and groups such as the PEO Sisterhood and the North Dakota

Dames Club. She was a member of the Daughters of the American Revolution.

Survivors include her husband; daughter Nancy (Mrs. Jon) Turner, M.D., of Huntsville, and son **William (Donna) Cornatzer, Jr., M.D. '79**, of Bismarck, seven grandchildren and a great-granddaughter; two sisters and a brother.

Memorials are suggested to Whitesburg Baptist Church Library or Seekers Sunday School Class, Whitesburg Road, Huntsville, AL 35802.

calendar

May 6

Naming Ceremony for the Evan E. Lips Auditorium, 3 p.m., Clinical Education Center, UND campus; for more information, call the Office of the Dean, 701-777-2514

May 10

Doctor of Medicine (M.D.) Class of '03 Commencement, 1:30 p.m., Chester Fritz Auditorium, UND campus (preceded by Commencement Awards Brunch, 10 a.m., UND Memorial Union); for more information, call the Office of the Dean, 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; medical school breakfast set for May 23; for more information, call Stacy Nelson at 1-800-543-8764

August 8

White Coat Ceremony for the M.D. Class of 2007: 4 p.m., Reed Keller Auditorium, UND School of Medicine and Health Sciences, Grand Forks; for more information, call the Office of Student Affairs and Admissions, 701-777-4221

Correction

Jon and Julie (Breen) Larson, both M.D. '91, practice in Detroit Lakes, MN, with the MeritCare Health System - not in Fargo, as reported in the February '03 issue's *Alumni Notes*. MeritCare is based in Fargo.

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
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

Salaries Constitute Largest Portion of Grant Income

Increased Funding for Research Provides Economic Stimulus

The level of external funding for grants and contracts we are attracting for research at the School of Medicine and Health Sciences continues to soar. So far this year we have reached a record high of nearly \$20 million.

We have strong hopes of achieving even higher levels of funding based on our proven ability to recruit and retain excellent, well-qualified young researchers who are committed to advancing their careers in North Dakota.

This is good news not only for the School of Medicine and Health Sciences but also for the economy of the Red River Valley and the state of North Dakota. Most of the research-funding dollar goes for salaries. The numerous researchers and other faculty members whom we've recruited are taking their places as tax-paying residents. They join the workforce here in good-paying jobs in an "intellectual" industry dedicated to uncovering new solutions to the problems which affect our health. This is a clean industry with no harmful effect on the environment. These faculty members - and their families - buy homes, vehicles,

appliances, groceries, entertainment - and ultimately strengthen the economic fabric, and the vibrancy, of this region.

We submit that the School of Medicine and Health Sciences has dealt wisely with resources entrusted to us, and produced a tremendous return on investment.

Oliver Sacks offers his views as a physician and writer

As part of his appearance at the UND Writers Conference in March, Dr. Oliver Sacks also spoke at the UND medical school, giving his listeners a unique perspective on his work as a physician and writer, his background, and his views on the practice of medicine. The theme of this year's Writers Conference was "Art & Science."

Dr. Sacks is probably best-known through "Awakenings," the movie in which Robin Williams portrayed Sacks' work with L-dopa which helped survivors of the encephalitic lethargica return to the world after decades of "sleep." He is the author of another best-selling book, "The Man Who Mistook His Wife for a Hat," in which he describes patients struggling to live with

conditions ranging from Tourette's Syndrome to autism, Parkinson's disease, musical hallucination, phantom-limb syndrome, schizophrenia, retardation and Alzheimer's disease.

He is a clinical professor of neurology at the Albert Einstein College of Medicine in New York. As a physician and writer, he is concerned with the ways in which individuals survive and adapt to different neurological diseases and conditions, and what this experience can tell us about the human brain and mind.

At the UND medical school, during his question-and-answer exchange with our students, faculty and guests, we glimpsed the strengths and talent of a truly humanistic physician and gifted writer.

Congratulations to new graduates

We extend heartfelt congratulations to students who are completing their degrees this spring. This is always a joyous time in the academic year, and we are filled with pride as we celebrate with our graduates who have worked hard to achieve their goals.

This year, 55 medical students will participate in commencement ceremonies and hundreds of other graduates will receive degrees in other programs offered by the School of Medicine and Health Sciences. Students will receive master's and doctoral degrees in the basic sciences and physical therapy, and undergraduate degrees in athletic training, clinical laboratory science and occupational therapy. (More information on new graduates will appear in the next issue of THE REVIEW.)

As a faculty, we recognize the determined, conscientious effort these students have made over the past few intense years. We applaud their drive and dedication, and are pleased to have been part of their growth and development.



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



Award-winning author and neurologist, Dr. Oliver Sacks told those gathered for the UND Writers Conference that he came to the United States in the early '60s because he felt he'd "have less chance of surviving the rigid, formulaic system of medicine in England (and) hoped to find inter ses in which I could hide and do my thing... By and large, that has become true."

Research!America Poll Finds

North Dakotans Favor More Funding for Medical Research

- ▶ *Most North Dakotans want to double national spending on government-sponsored research over the next five years*
- ▶ *Four in five North Dakotans believe that investment in medical and health research is crucial to the state's economy*
- ▶ *Eighty-one percent support state financial incentives that would attract new research into the state*

These findings noted above were released earlier this year by Research!America, a national non-profit, membership-supported public education and advocacy alliance dedicated to making medical and health research, including prevention research, a much higher national priority.

The Research!America poll was conducted by the Charlton Research Company which last year conducted interviews with 800 North Dakotans. The sample was proportionate to the state's demographics,

including geography, gender, voter registration and ethnicity. The poll has a theoretical sampling error of plus-or-minus 3.5 percent.

The poll in North Dakota “clearly demonstrates the public's overwhelming support for increased national and state funding to prevent disease and disability, and to find better treatments and cures that improve the quality of life and create jobs close to home,” said Research!America President Mary Woolley.

The poll also found that 93 percent of North Dakotans place a high value on research to help understand and eliminate health disparities. Fully two-thirds of residents think that it is “very important” to research diseases that disproportionately affect low income and minority citizens.

Despite the U.S. fiscal woes, an overwhelming majority of North Dakotans, 94 percent, strongly support basic research that helps the United States maintain its world leadership in scientific endeavors. More than half the state's residents say they are aware of political candidates' voting records on medical health and scientific research and 89 percent say they would vote for a political candidate who agrees that research is a high priority over one who does not.

“The Research!America poll clearly demonstrates that North Dakotans understand the importance of funding research,” said Governor John Hoeven.

“We're fortunate to have centers of excellence here, particularly at the University of North Dakota (UND) School of Medicine and Health Sciences which conducts medical and health research...,” he said.

That the Research!America poll found that North Dakotans think spending money on medical and health research is important to the state's economy is welcome news to proponents of the a new Red River Valley Research Corridor championed by Senator

The poll ‘clearly demonstrates that North Dakotans understand the importance of funding research.’

John Hoeven
Governor of North Dakota

Byron Dorgan. He hopes it will infuse new jobs, businesses and tax revenue into the state.

“I want research to be part of North Dakota's economic future,” Dorgan said. “That's why I've been using my seat on the Senate Appropriations Committee to bring federal research dollars to our region.

North Dakota's research institutions are moving up in the rankings of schools that receive funds from Congress earmarked for research. According to the Chronicle of Higher Education, North Dakota moved up six spots this year, to No. 25.



Many bright creative researchers, like Roxanne Vaughan, Ph.D., in the Department of Biochemistry and Molecular Biology, have launched the UND medical school into a new era of success in biomedical investigation.

“The federally funded research our major universities are conducting is a magnet for new businesses and jobs that keep young college graduates here – not to mention leading to breakthrough discoveries in science and medicine and yielding enormous returns for the American people.”

“The universities already provide quality research and training that will help provide a ready workforce to attract and retain high tech and other companies,” said UND President Charles Kupchella. “We’re pleased that the Research!America poll shows that the majority of North Dakotans support the kind of medical- and health-related research that we conduct every day,

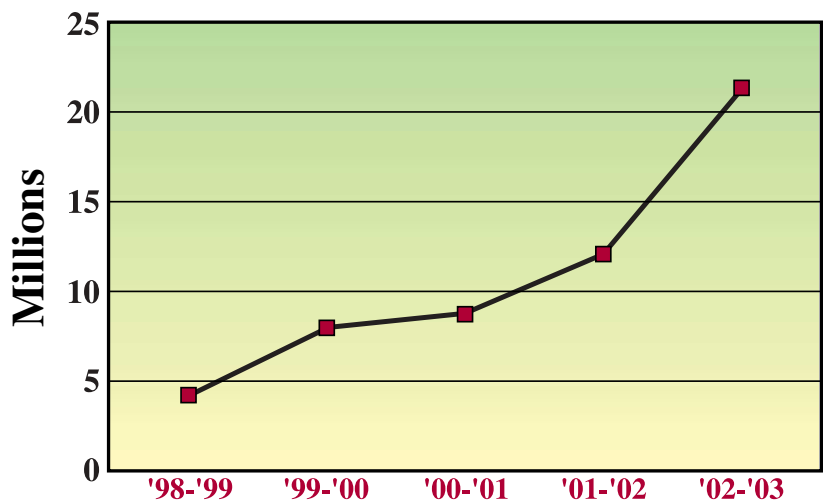
particularly through our School of Medicine and Health Sciences, and our College of Nursing.”

“At UND, we are concerned with making the results of medical and health research available to the public. We’re proud to have been designated the nation’s Rural Assistance Center through our Center

for Rural Health...,” Kupchella added. The Center for Health Promotion and Translation Research at the Center for Rural Health in the UND School of Medicine and Health Sciences also aims to move current research information into the practice setting.

New Funding in Grants and Contracts Continues to Soar

2002-03 (as of March '03)	\$21,801,713
2001-02	\$12,079,038
2000-01	\$ 8,730,593
1999-00	\$ 7,968,111
1998-99	\$ 4,223,628
Total (for five years)	\$54,803,083



Annual Grants & Contracts Awards

Professor Lambeth Named Outstanding Faculty Scholar

David Lambeth, Ph.D., Chester Fritz Distinguished Professor of Biochemistry and Molecular Biology, Grand Forks, received the McDermott Award for Excellence in Teaching, Research or Creative Activity, and Service during the annual UND Founders Day banquet recently in Grand Forks.

The award, also known as the Outstanding Faculty Scholar Award, is meant to honor a faculty member who has demonstrated excellence in all three of the traditional academic roles: as an educator, in the production of research or creative activity, and through service to the university, the profession and the community.

In receiving the award, Lambeth was recognized for his outstanding contributions “to the development of students at multiple levels and in a variety of formats - from large formal lectures to one-on-one master/apprentice relationships,” said Roger Melvold, Ph.D., professor and chairman of microbiology and immunology, Grand Forks, in presenting the award. As part of the nomination process, “(A)mong the descriptions provided by students are ‘positive,’ ‘supportive,’ ‘able to promote critical thinking’ and ‘an exemplary role model,’” Melvold said. “A former student describes him as a ‘mentor with a



David Lambeth, Ph.D. (right), professor of biochemistry and molecular biology, receives the Outstanding Faculty Scholar Award from UND President Charles Kupchella during the Founders Day banquet. He was commended in one nomination which read, “It is fair to say that no person has done more locally to foster appreciation of the natural world, especially birds...”

quiet strength and compassion’; one who enable students to be ‘much more adaptable and able to work as independent thinkers. They are allowed to learn in the best way possible, by making mistakes and recovering from them.’”

Lambeth “has a reputation that is national and international in scope,” Melvold said, “and has made outstanding contributions to his field, work that has been presented in some of the premiere

forums and publications in (his) field.”

He has served on a vast number of committees, task forces and working groups, (including) some of the most active and important bodies in the university, the Institutional Review Board, the Graduate Committee, University Senate, UND Planning and Budget Committee, Admissions Committee, numerous search committees, and advisory and policy committees.

Rural Health Leaders Receive Awards for Outstanding Service

Five individuals involved in delivering health care to rural communities were honored at the 2003 Dakota Conference on Rural and Public Health recently in Bismarck. The conference is sponsored in part by the UND School of Medicine and Health Sciences and its Center for Rural Health.

Jonathan Berg, M.D., of Northwood and **Marguerite Huber** of Hettinger were presented the Outstanding Rural Health Provider Award. The award is given in recognition of a lifetime of service and is intended to acknowledge those who have unselfishly made important contributions to their community and area.

Berg, clinical assistant professor of family medicine at the UND School of Medicine and Health Sciences, practices

with Altru clinics in Northwood and Larimore. He also serves as medical director for the Larimore Good Samaritan Center’s skilled nursing facility where he “is acutely interested not only in geriatrics, but in improving the quality of care for the elderly,” said Karen Boulden, facility administrator, in her nomination.

He has been instrumental in establishing the North Dakota Medical Directors Association in order to bring networking and educational opportunities and is expected to result in more consistency of care for the state’s elder population.

Huber, a psychiatric nurse practitioner who died last fall, “elevated the level of psychiatric expertise beyond anything the area had previously experienced,” said **John Joyce, M.D. ’78**, Hettinger, in his

letter of nomination. She “continued to deliver high quality psychiatric care to within two weeks of her tragic death.”

Kaye McIntyre of Hettinger received the Outstanding Rural Health Professional Award. The award is given to an individual who has demonstrated leadership in the delivery of rural health services.

Larry Taylor, Ph.D., of Maddock accepted the Outstanding Rural Health Program Award for the Maddock/Rolette Telepharmacy Program. The award is given to recognize programs that deliver health care services in innovative ways.

Larry Kuk of Towner received the Outstanding Rural Health Volunteer Award. The award is given to a community resident who has contributed energy, time and skill toward the betterment of rural health care.

Rada Accepts Clifford Award for Research Excellence

Jody Rada, Ph.D., associate professor of anatomy and cell biology, Grand Forks, received the Thomas J. Clifford Faculty Achievement Award for Excellence in Research during the recent UND Founders Day celebration. The award is named for a former president of UND.

“Dr. Rada enjoys international recognition for her work in the regulation of scleral growth and in hereditary myopia,” said Peter Alfonso, Ph.D., vice president for research at UND, Grand Forks. “She has given invited presentations at scientific meetings in Yokohama, Paris, Taipei and Geneva.

“She has had continuous external funding to pursue her experiments in these areas since 1992... (and serves) as principal investigator for a major new COBRE (Center of Biomedical Research Excellence) grant proposal to the NIH (National Institutes of Health) in the field of neuroscience... UND was awarded its first COBRE grant for \$10.3 million, which is the largest grant the School of Medicine has received to date.”

The Founders Day awards, which this year totaled more than \$23,000, were made possible by UND, the UND Foundation and Fellows of the University.



UND President Charles Kupchella presents Jody Rada, Ph.D., with the Thomas J. Clifford Faculty Achievement Award for Excellence in Research during the Founders Day celebration.



Presenting the award in Bismarck (from left) Dave Miedema, director of planning giving for the UND Alumni Association and the UND Foundation, is pictured with Shauna and Duncan Ackerman, and Nicholas Neumann, M.D., associate dean of the UND School of Medicine and Health Sciences' Southwest Campus.

First Award Given from Golseth Endowment

Duncan Ackerman, senior medical student who is studying on the UNDSMHS Southwest Campus in Bismarck, is the first scholarship recipient of The Gustave Golseth, M.D., and Wesley Morrish Medical School Endowment.

The endowment was established by **James Golseth, M.D. (B.S. Med. '39)**, of Pasadena, CA, in honor and memory of his father and father-in-law.

Gustave Golseth, M.D., who practiced in Jamestown, was one of the early physicians in North Dakota. He died in 1924. Wesley Morrish weathered the Great Depression to build a prosperous career in banking and insurance in Cass County, North Dakota. He died in 1935.

Ackerman, who will graduate in May with the M.D. Class of '03, said he appreciates the scholarship.

“It definitely helps alleviate some of

the financial burden of medical school,” said Ackerman whose wife, Shauna, is studying pharmacy at North Dakota State University in Fargo. The couple has two children, Skylar and Quinn.

“Duncan is well-deserving of this scholarship,” said **Nicholas Neumann, M.D.**, assistant dean for the Southwest Campus, Bismarck. “He is intelligent and dedicated, and has received accolades from physicians and preceptors.”

James Golseth graduated from UND with a bachelor of arts degree in 1938 and the bachelor of science in medicine in 1939. He earned his medical degree from Northwestern University Medical School in Chicago and went on to practice for 45 years in Pasadena. In 1994 he received the Sioux Award, the UND Alumni Association's highest honor.

Students Recognized at National Research Forum in Texas

Heidi Philpot and **KyleeAnn Useldinger-Kummer**, senior medical students, won the Obstetrics and Gynecology Poster Award at the 2003 National Student Research Forum held April 3-5 at the University of Texas Medical Branch at Galveston.

The award is sponsored by the University of Texas Medical Branch, Department of Obstetrics and Gynecology. A cash award of \$200 and a plaque are given to the participant who displays the best poster presentation in the field of obstetrics and gynecology.

The students' poster was titled: "Diabetes During Pregnancy: Risk Factors, Maternal and Fetal

Outcomes in a Midwestern State." It was developed with the assistance of the North Dakota Department of Health, Division of Vital Records which supplied birth certificate information and **Jim Beal, Ph.D.**, director of research and program development in the Department of Family Medicine, Grand Forks.

The students' trip to Galveston was supported by the departments of family medicine and community medicine.

Two other medical students, **Duncan Ackerman** and **Andrew Bakken**, also were invited to present their poster at the 44th annual research forum, but they were unable to attend due to other commitments, Beal said. Their poster is titled, "Patients' Utilization and Perceptions of Herbal Supplements."



Philpot



Useldinger-Kummer



Theodore Snook, Ph.D., pictured here in his Department of Anatomy office, was a man of many interests and many accomplishments. He served for 42 years on the faculty of the UND School of Medicine and Health Sciences.

Dr. Ted Snook, Long-time Professor and Chair of Anatomy, Dies in Missouri

Theodore Snook, Ph.D., former professor and chair of anatomy at the UND School of Medicine and Health Sciences, passed away Sept. 5 in Lee's Summit, MO. He was 95.

A native of New Jersey, Dr. Snook was born and raised in Titusville and attended Rutgers University where he earned a bachelor of science degree in zoology in 1929 and a master of science degree in 1930.

He went on to Cornell University in Ithica, NY, where he was an instructor in histology and embryology and earned his doctoral degree in 1933. His career included teaching histology, embryology and neuroanatomy in university medical schools at Syracuse (for 12 years), Tulane (three years), Pittsburgh (three years) and UND (42 years).

At UND, he served on the faculty from 1935 to 1977 and as chair of anatomy from 1971 to 1976; he retired in 1977 at the age of 70. He received the status of professor emeritus in anatomy and was selected as Teacher of the Year by his students. He was a member of several professional organizations including Sigma Xi (honorary research society), the American Association of Anatomists and the North Dakota Academy of Science.

During his career, he wrote for publication about 30 papers and abstracts dealing with histological techniques related to mammalian spleens.

Survivors include his son-in-law, Dr. William Fawcett of Racine, WI; a granddaughter, great-granddaughter and niece. He was preceded in death by his wife, Jane, and daughter, Patricia Snook Fawcett.

Faculty Member and Alumnus Named 'Family Physician of the Year'

Thomas Jacobsen, M.D. (B.S. Med. '63), of Hettinger, an alumnus and clinical assistant professor of family medicine of the UND medical school, has been named Family Physician of the Year by members of the North Dakota Academy of Family Physicians (NDAFP). The award was announced recently at the annual NDAFP meeting in Grand Forks.

He was chosen to receive the award based on attributes such as: providing patients with compassionate, comprehensive and caring family medicine on a continuing basis; involvement in community affairs and activities that enhance the quality of the community; serving as a credible role model professionally and personally to the community, other health professionals, and students and residents, and effectively representing family medicine in public speaking.

His name will be forwarded as North Dakota's nominee for consideration at the national level of competition for the American Academy of Family Physicians' (AAFP) Family Physician of the Year



*Tom Jacobsen, M.D.
(B.S. Med. '63)*

in 1981, I joined the group practice here at West River Regional Medical Center (it became quickly apparent that Jake was cut from a different mold, for he was someone who zealously promoted public health and practiced health promotion and prevention as a family physician should.

"Jake has also been an effective voice in promoting wellness on a state level. The staff at the Maternal and Child Division of the North Dakota Department

Award for 2004.

"Tom Jacobsen is the most outstanding physician I know," **John Joyce, M.D. '78**, of Hettinger, wrote in his letter of nomination, one of many submitted. "(When,)

of Health has told me there is no other private physician who has given as much in support and input over the past 30 years," Joyce said. "Moreover, Jake's quality of care is highly respected by many obstetricians, pediatricians and neonatologists throughout the state, particularly in Bismarck and Fargo."

Jacobsen, who grew up in Bismarck, attended Utah State University where he studied wildlife management before enrolling at the UND School of Medicine. He earned the bachelor of science in medicine degree at UND in 1963 and transferred to the University of Pennsylvania to complete requirements for the doctor of medicine (MD) degree in 1965.

He took rotating internship training at St. Paul-Ramsey Hospital in St. Paul, MN, and served three years with the U.S. Public Health Service at Standing Rock Indian Reservation in North Dakota prior to establishing his practice at Hettinger in 1969.

Faculty and Staff Honored at Founders Day for Years of Service

Several faculty and staff members were honored on their retirement or for their 25 years of service to the University of North Dakota (UND) School of Medicine and Health Sciences during UND Founders Day activities in February.

Those who were recognized for 25 years of service:

Nora Amann, administrator, Center for Rural Health, Grand Forks;

Roxanne Korynta, administrative officer, Office of Medical Education, Grand Forks;

George O'Neill, M.D., associate professor of neuroscience, Fargo, and

Cathy Perry, administrative officer, Department of Pathology, Grand Forks.

Arlene Helgeson, who worked for 24 years in the Office of Student Affairs and Admissions, Grand Forks, was recognized as a retiree.

This Founders Day marked the 120th anniversary of the founding of UND.

UND Physician Assistant Program full-time faculty position available. PA with NCCPA certification, master's degree or working on master's degree, with four years' primary health care experience. Send curriculum vitae to: Mary Ann Laxen, Director, Physician Assistant Program, PO Box 9037, Grand Forks, ND 58202-9037. UND is an EO/AA Employer

Qualifications for Selection

1. General knowledge and proficiency in clinical knowledge, skills and abilities to function in the primary care role
2. The ability to develop and utilize competency-based materials for Physician Assistant Education
3. Knowledge of the primary care role and educational processes, including selecting, teaching and supervising of PA students in both the educational and clinical settings
4. Acceptable education and training experiences:
 - a. Current NCCPA certification
 - b. Working toward or in possession of a master's degree
 - c. Minimum of four years demonstrated successful experience in health care, preferably in primary care, preferably in a rural or underserved setting
 - d. Demonstrated experience in the conceptualization, preparation and evaluation of competency-based educational materials or previous experience in working with PA students in the clinical setting is preferred

CRH Opens Minot Office, Announces New Grant Initiatives to Support

The Center for Rural Health has opened a new office in Minot and announced new grant initiatives to enhance the delivery of health care in 27 rural communities in northwestern and north-central North Dakota.

The Center is part of the University of North Dakota (UND) School of Medicine and Health Sciences, based in Grand Forks.

The office, at 123 First St. SW, is the first off-campus location for the Center for Rural Health, and is staffed full-time by **Terri Lang** of Minot. It is on the main floor of the building which also houses the Minot Center for Family Medicine and administration offices for the Northwest Campus, both entities of the UND School of Medicine and Health Sciences.

“Establishing this Center for Rural Health office in Minot is another concrete example of our commitment to rural medicine, for which we are nationally recognized,” said **H. David Wilson, M.D.**, medical school dean and vice president for health affairs. “We are proud to increase our presence in Minot and to further our mission of serving rural North Dakota.”

According to **Mary Wakefield, Ph.D.**, director of the Center for Rural Health, Grand Forks, the new office in Minot allows the Center “to directly extend our expertise and efforts, on a day-to-day basis, to western North Dakota. The new office will provide increased access to our

‘The new Minot office allows the Center for Rural Health to directly extend our expertise and efforts, on a day-to-day basis, to western North Dakota.’

Mary Wakefield, Ph.D.
Director, Center for Rural Health

‘Establishing this Center for Rural Health office in Minot is another concrete example of our commitment to rural medicine, for which we are nationally recognized. We are proud to increase our presence in Minot and to further our mission of serving rural North Dakota.’

H. David Wilson, M.D.
Vice President for Health Affairs and Dean
UND School of Medicine & Health Sciences

materials and personnel, with the intent of enhancing our services to communities across the state.”

New initiatives for rural communities in northwest and north-central North Dakota

“Through the work of the Center for Rural Health, in partnership with other organizations and local communities, we are pleased to announce that seven central and northwest North Dakota communities will receive new grants to help rural hospitals to stabilize and strengthen their local and regional health delivery systems,” Wakefield said.

The grants are part of a total grant package of \$680,000 North Dakota has received from the Office of Rural Health Policy, Health Resources and Services Administration of the U.S. Department of Health and Human Services. The grant program, called the Medicare Rural Hospital Flexibility (FLEX) Program, helps America’s small rural hospitals maintain and develop services to continue to provide access to quality health care services.

Hospitals in this region are using the FLEX grants to address such issues as teleradiology, cardiac rehab programs, respiratory therapy education, telecommunication/education systems (polycom), emergency room equipment and training, and other issues, said **Brad Gibbens**, associate director of the Center for Rural Health, Grand Forks.

“Through another federal program, called the Rural Access to Emergency

Devices (RAED) Program, the Center for Rural Health also applied for and received funding to support the placement of automated external defibrillators in 25 commu-

The following hospitals in north-central and northwestern North Dakota are receiving FLEX grants through the efforts of the Center for Rural Health at the UND School of Medicine and Health Sciences:

Crosby
St. Luke’s Hospital

Harvey
St. Aloisius Medical Center

Kenmare
Kenmare Community Hospital

Rolla
Presentation Medical Center

Stanley
Mountrail County Medical Center

Tioga
Tioga Medical Center

Watford City
McKenzie County Memorial Hospital

The hospitals are using the funds to meet local needs in:

- teleradiology
- cardiac rehab
- respiratory therapy
- telecommunication
- education
- emergency room equipment and training

Health Care Facilities in Rural Central and Northwest North Dakota



At a news conference marking the recent opening of the new Center for Rural Health office in Minot, Mitch Leupp (at podium), administrator of Mountrail County Medical Center in Stanley, describes the many ways the UND medical school and Center for Rural Health have impacted the stability and quality of health care provided in his community. Three UND alumni, two physicians and a nurse practitioner, are providing much-needed health care services to Stanley-area citizens.

nities in central and northwestern North Dakota,” he said.

The Center received a \$257,000 from the Office of Rural Health Policy, Health Resources and Services Administration of the U.S. Department of Health and Human Services to purchase about 110 automated external defibrillators (AEDs) for 67 rural towns in the state, 25 of them in central and northwestern North Dakota.

The AED is a small device that automatically analyzes the heart rhythm and advises the rescuer, through computerized voice instruction, when to push a button or deliver a potentially lifesaving shock to the victim, Gibbens said. With very little training, almost anyone can operate this device.

AEDs will be placed in communities that range in size from 202 (Grenora) to 12,500 (Williston), he said. In applying for the AEDs, **“some towns had as many as 13 different organizations working together and some applications represented eight or nine towns as a partnership. This shows how rural North Dakotans can and do work together to find common solutions to health care problems.”**

The Center for Rural Health was able to attain this federal grant by working in partnership with the North Dakota Emergency Medical Services Association,

the North Dakota Division of Emergency Health Services in the Department of Health, and the North Dakota Healthcare Association, he said.

New funding has also been received by the Center for Rural Health to expand a program designed to offer university students in health professions experience in

rural communities. The program, called Project CRISTAL (Collaborative Rural Interdisciplinary Service Training and Learning Grant) and funded by the North Dakota Quentin N. Burdick Rural Interdisciplinary Service Training Grant, will allow students to study in Belcourt and New Town for the next three years.

Organizations in central and northwest North Dakota which received funding from the Rural Access to Emergency Devices Program:

Belcourt - Turtle Mountain Band of Chipewau

Berthold - Berthold Farmers Elevator

Bottineau - St. Andrew's Clinic

Cando - Towner County Ambulance Service

Crosby - St. Luke's Hospital

Fessenden - Fessenden Ambulance Service

Grenora - Grenora Ambulance

Harvey - Dakota Community Bank

Lignite - Portal Ambulance

Maddock - Maddock Memorial Home

Mohall - Mohall Ambulance Service

New Town - Three Affiliated Tribes

Powers Lake - Powers Lake Volunteer Ambulance

Ray - Ray Community Ambulance Service

Rolette - Rolette Ambulance Service

Rolla - Presentation Medical Center

Rugby - Johnson Clinic, PC

Stanley - Mountrail County Medical Center

Tioga - Tioga Medical Center

Trenton - Trenton Indian Service Area

Watford City - McKenzie County Memorial Hospital

Westhope - Westhope Ambulance Service

Williston - Williston Fire Station

Zap - Zap Police Department

These communities have received automated external defibrillators (AEDs), small, potentially lifesaving devices that almost anyone, with training, can operate.

ALUMNI

'82 Alumnus

Geiger Conducts Research Linked to Chronic Neurodegenerative Disorders

Jonathan Geiger, Ph.D. '82 (Pharmacology and Physiology), is director of the Division of Neurovirology and Neurodegenerative Disorders at St. Boniface Hospital Research Centre and professor of pharmacology and therapeutics at the University of Manitoba in Winnipeg. He has been on faculty at the University of Manitoba since 1984.

During a recent visit to the UND School of Medicine and the Department of Pharmacology, Physiology and Therapeutics, he delivered an address titled, "Brain Energy Stores Help Regulate the Homeostatic Drive to Sleep as well as Neural Cell Life and Death."

His research revolves around energy stores in the brain and roles they play in regulating physiological functions such as sleep, as well as neural cell life and death as occurs with acute and chronic neurodegenerative disorders. He discussed his work on the neuroprotectant and anti-inflammatory actions of adenosine; the ability of the common food supplement, creatine, to protect against traumatic brain injury, and the role that brain glycogen plays in regulating the homeostatic drive to sleep and neural cell survival.

Geiger completed his master's degree in 1975 and his doctoral degree in 1982, both under the supervision of **Surendra Parmar, Ph.D.**, Chester Fritz Distinguished Professor of Physiology, who is now retired. Between his two graduate degrees, Geiger left for a time to conduct clinical research and pursue other interests.

While attending the UND medical school, Geiger worked on the "Man and the Sea" project as part of his master's degree studies. As part of this project, he determined how prolonged exposure to hyperbaric pressure affected the ability of the body to metabolize certain classes of drugs, he said. For his doctoral degree, he worked on a project of clinical importance: a drug-



Jonathan Geiger, Ph.D. '82, recalls his experience as a graduate student at the UND medical school as "very positive," he says. His mentors gave him a broad perspective of physiology and then encouraged him to focus on his specific interests.

drug interaction between digoxin and quinidine, two commonly taken cardiovascular drugs.

He remembers the pharmacology and physiology faculty for providing a "program full of depth and breadth - it was very positive," he said. "I like the concept that you start broad and then focus in" on a specific area.

"The individual mentor has the greatest impact on the way you think and work," he said. "Dr. Parmar was good at letting you focus in on what are your interests. It was a good way to become better, more mature scientist and adult."

Geiger has won numerous awards including the University of Manitoba's Presidential Outreach Award (twice); the University of Manitoba Research Merit Award; the Medical Research Council of Canada Scientist Award, and the Rh Institute Award for Outstanding Contributions to Research in Health Sciences.

A native of Syracuse, NY, Geiger is also an adjunct professor of the Faculty of Physical Education and Recreation Studies at the University of Manitoba in Winnipeg.

He is president and co-founder of the Centre for (the study of) Substance Use in Sport and Health, an award-winning organization devoted to helping people make informed decisions about substance use.

His wife, Donna Marie Hastings, is from Ypsilanti, ND, and attended Jamestown College for two years before enrolling at UND where she earned a degree in home economics. She worked for 16 years with the University of Minnesota extension service and currently is an independent consultant focusing her efforts on a project concerning farm succession led by a not-for-profit organization that she co-founded, the Canadian Association of Farm Advisors.

Alumni Notes

'74



Thoraine Loyd, B.S.P.T. '74, of Tarpon Springs, FL, is serving as president of the UND Alumni Association. She was elected last year to succeed **James Brosseau, M.D. (B.S. Med. '68)**, professor and chair of community medicine at the UND School of Medicine and Health Sciences, Grand Forks. Brosseau practices internal medicine and diabetology at Altru Health System in Grand Forks.

After earning her degree at the UND School of Medicine, Argyle, MN, native Loyd established a private practice in Grafton, ND, which grew to provide services in the area of Park River and Northwood, ND, and Ada, Mahnomon, Halstad and Twin Valley, MN.

In 1982 she moved to Tarpon Springs.

'82

Darwin Lange, M.D. '82, practices family medicine at the Quain and Ramstad Clinic Mandan-North in Mandan, ND. The clinic is associated with Medcenter One Health Systems, based in Bismarck.

He completed residency training in family medicine in 1985 at the UND School of Medicine and Health Sciences' Family Practice Center in Bismarck.

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

'83

Melanie Carvell, B.S.P.T. '83, is a physical therapist and Women's Health Center director at Medcenter One Health Systems in Bismarck.

'84

Kim Stewart, B.S.O.T. '84, is an occupational therapist with Medcenter One Health Systems in Bismarck.

'88

Paul Jondahl, M.D. '88, of Bismarck was publically acknowledged by the North Dakota Senate's Minority Leader David O'Connell of Lansford for his swift action as "doctor of the day" when the state senator became ill during the legislative session earlier this year.

"He basically loaded me up, took me down (to the emergency room) and, when I got there, they said I had an 80 percent chance of a heart attack that day but with medication it took the risk down to 20 percent," O'Connell said.

"If it wouldn't have been for him (Jondahl) I probably wouldn't be here today."

In Memoriam



James Moses, M.D. (B.S. Med. '49), of Bismarck, passed away Jan. 23 in a Bismarck hospital. He was 81.

He was a member of the initial task force steering committee charged with studying the question of converting the UND medical school's educational program from a two-year to a full four-year, doctor of medicine (M.D.) degree-granting program.

A native of Hazen, ND, James Moses moved with his family to Bismarck when his father was elected governor; there he graduated high school in 1940. He served in the National Guard and the Army Air Corps during World War II.

After the war, he attended the UND medical school and completed the doctor of medicine degree at Bowman Gray School of Medicine at Wake Forest University in Winston-Salem, NC. He and his family returned to North Dakota where he practiced general medicine in Richardton.

Later, after completion of further training in San Diego, he became board-certified in urology and urologic surgery. The family returned to Bismarck in 1960 where he practiced until his retirement.

Dr. Moses served as president of the state medical association, a member of the board of trustees and chief of the medical staff at St. Alexius' Medical Center, and state delegate to the American Medical Association. He was a diplomat of the American College of Surgeons.

He was a founder of Bank Center First, serving as chairman of the board and director, and was very active in the Masonic Lodge, Scottish Rite, El Zagal Shrine Duster and the Bismarck Elks Lodge. He served on the board for the historic preservation of the old Governor's Mansion and was past president of the board of directors of the Dakota Zoo in Bismarck.

He is survived by his wife, Edna; son and daughter-in-law Jay and Linda Moses of Springfield, IL; a granddaughter, and two brothers.

Do you have a news note you'd like to see included in an upcoming issue of THE REVIEW?

Please drop us a line at:

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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:

Fargo First District Medical Society Scholarship - **Amy Grimes**, sophomore;

Dr. Harley E. French Medical Scholarship (established by the late **Thomas Mar, M.D. (B.S. Med. '38)** of Holualoa, HI, a UND alumnus, in memory of Dean Harley French, educator, physician and dean) - **Sarah Dietz**, sophomore; **Robert Guttormson**, junior, and **Sara Knutson**, senior;

George W. and Eva Glaspel Scholarship (established by **C.J. Glaspel, M.D. (B.S. Med. '13)** in memory of his father and mother) - **Christopher Paschall**, senior;

Golseth Gustave and Wesley Morrish Scholarship - (established by **James G. Golseth, M.D. (B.S. Med. '39)**, in memory and honor of his father, Dr. Gustave Golseth, and father-in-law, Wesley Morrish, to provide a full scholarship to a medical student from North Dakota; this award is given for high academic performance) - **Duncan Ackerman**, senior;

Dean Theodore Harwood Memorial Scholarship - **David Folden**, sophomore; **Brent Barnstuble**, junior, and **Meg Watson**, senior;

Dr. Bohdan Hordinsky Memorial Scholarship - (establish in 1997 in honor of Dr. Hordinsky by his family, **Jerry Hordinsky, M.D. (B.S. Med. '65)**, and **Martha Hordinsky**) - **John Joyce**, senior;

Maximilian Kern Medical Scholarship (established with a gift from the estate of Maximilian Kern) - **Michael Grant**, junior, and **Jason Schenck**, senior;

Alex and Agnes Kongslie Memorial Medical Scholarship (given to students who have demonstrated excellence in the field of medical research) - **Ronald Reilkoff**, sophomore;

More than \$160,000 in scholarships was provided this year to 125 medical students.

Many of these awards are from endowments and other funds established by grateful alumni in recognition of the quality education they received and as a means of remembering and honoring beloved members of their family; friends, or faculty members and deans of the UND School of Medicine and Health Sciences.

The awards help to support medical students as they prepare to become outstanding physicians of tomorrow.

Logan-Heatheringon Award (given to deserving upperclass medical students who are interested in primary care) - **Joshua Gapp**, junior, and **Brandon Helbling**, senior;

Karen and Elvira Lynner Medical Scholarship - **Chad Carlson, Lori Haagenson, Nathaniel Hall, Timothy Juelson, Ann Mostad, Sarah Schatz, Grant Syverson, Mike Wilhelm and Angela Wood**, all sophomores; **Rimon Bengiamin, Andrew Hetland, JoEllen Kohlman, David Kuylen, Travis Lien, Audrey Marcusen and Heather Stoy**, all juniors; **Enej Gasevic, Michael Kruger, Megan Muilenburg, Tamera Nelson, Elena Rodgers, Amanda Sinness and Brent Williams**, all seniors;

Floyd and Ann Marshall Medical Scholarship - **Andrew Bakken**, senior;

Lynn Meier Memorial Medical Scholarship (established by Clara Meier, Bismarck, and the late Ben Meier in memory of their son, Lynn, a medical student from 1971 to 1974, who died of leukemia in 1974) - **Laura Berg, Amie Haugo and Anthony Nardi**, all juniors;

Dr. Paul C. Quistgard Scholarship - **Jason Eidahl**, sophomore;

Eleanor Ratcliffe Scholarship - **Cole Greves**, senior;

Dr. Donald J. Reichert Endowment Scholarship - **Arleigh Trainor**, senior;

William G. Roen Medical Scholarship - (established by **Ernest Godfread, M.D. '77**, Bismarck, in memory of his friend and colleague) - **Amanda du Preez**, senior;

Ralph and Hazel Rohde Scholarship - **Christopher Kallenbach**, junior, and **Melanie Donnelly**, senior;

Dr. A.K. Saiki Memorial Endowment - (endowed by gifts from medical alumni and former students of Dr. Saiki who served as a member of the Department of Pathology from 1928 to 1971) - **Matthew Lee, Kelly Longie, Candace Rohwedder and Benjamin Williams**, sophomores; **Thomas Hogan and Jason Johnson**, seniors;

Cora Smith King Memorial Scholarship - **Heidi Lako-Adamson**, junior; *Tuttle Scholarship* - (established by the Jess W. Tuttle Family in memory of their son, Robert, a member of the medical school Class of 1954) - **Amanda du Preez**, senior;

Keith and Elaine Wold Medical Scholarship - **Jon Machayya**, sophomore, **Heidi Lako-Adamson**, junior, and **Matthew Schaefer**, senior, and

Buckly Zahradka, M.D., Memorial Scholarship Endowment - (established with contributions from various donors in honor and memory of the late Dr. Zahradka, a member of the M.D. Class of '97) - **Jon Solberg**, freshman.

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