

THE REVIEW

UNIVERSITY OF NORTH DAKOTA
SCHOOL OF MEDICINE & HEALTH SCIENCES



*Designed to strengthen children's interest in science and careers in health care, the annual Elementary School Science Day drew almost 140 children last month to the University of North Dakota School of Medicine and Health Sciences. Members of the local chapter of American Medical Student Association (AMSA) who hosted the event included **Amanda duPreez**, first-year medical student (above, left), at whose "station" children learned about the human skeleton. DuPreez is the daughter of Betty Sabe of Scranton, N.D.*

IN REVIEW

From the Cover

AMSA Science Day Proves Successful

UNDSMHS medical students received thanks and praise from children and parents for offering an "excellent and well-organized" opportunity to learn more about science.

"A public health nurse told me that the information we are providing to these children is excellent," said **Rachel Hansen**, second-year medical student who directed the event.

Notes received after the event read: (from a grateful child):

Thank you for putting on such a fun program and for the treats. I liked the computer model and experiment work but the part that I won't forget is touching the organ specimens.

Jake Wynne, Lewis and Clark School Grand Forks (and from his mother):

I would like to thank you too. This was one of those crossroads kind of things. It helps my son see how interested he is in science and being some kind of health care professional. He has talked about being a doctor or dentist since the age of six, he's now eleven. These kinds of learning opportunities help influence us and steer us down the path of life that interests us.

I deeply appreciate the time and energy spent.

Mrs. Denny Wynne
Grand Forks

Mark your calendar!

Frank N. Low Research Day

April 7, 2000

University of North Dakota
School of Medicine & Health Sciences, Grand Forks, ND

Keynote Address:

"Melatonin: Lowering the High Price of Free Radicals"

Russel Reiter, Ph.D., D.Med.

*Professor of Neuroendocrinology
Department of Cellular and Structural Biology
University of Texas Health Science Center
San Antonio, TX*

The Frank N. Low Research Day is a day-long event during which faculty members and graduate students share their research interests and activities. For more information, contact Office of Research and Program Development, c/o **Manuchair Ebadi, Ph.D.**, UND School of Medicine and Health Sciences, P.O. Box 9037, Grand Forks, ND 58202-9037 or phone 70/777-6221.

Russel Reiter, Ph.D., D.Med., is an internationally-known neuroscientist who has pioneered studies on the role of melatonin in circadian periodicity and in attenuating oxidative stress. He has received 61 awards including the A. Ross McIntyre Gold Medal Award for Achievement in Medical Sciences from the University of Nebraska College of Medicine, Omaha.

Calendar

April 7

Frank N. Low Research Day, UND School of Medicine & Health Sciences, 501 N. Columbia Road, Grand Forks; more information, call Deb Kroese at 701/777-6221 (e-mail: dkroese@medicine.nodak.edu)

May 6

M.D. Commencement, Doctor of Medicine Class of 2000, 2:30 p.m., Chester Fritz Auditorium, UND campus, Grand Forks (Commencement Awards Brunch, 11 a.m., UND Memorial Union); information, call Office of the Dean, 701/777-2514

May 14

UND General Commencement, 1:30 p.m., Hyslop Sports Center, UND campus; more information: 701/777-4267

May 24-26

UND Alumni Days, honoring classes of '40, '45, '50 and '55, UND campus, Grand Forks; more information, 1-800-543-8764

June 23-24

Robert Nordlie Retirement/Recognition Events and Symposium, see page 7 for details; information, visit <http://www.med.und.nodak.edu/depts/biochem/symp2000.htm> or contact John Shabb, Ph.D., Department of Biochemistry and Molecular Biology, 701/777-4946 (e-mail: jshabb@medicine.nodak.edu)

September 7

Robert Eelkema Retirement Banquet; information, call Sue Huus, Department of Community Medicine and Rural Health, 701/777-2397

Address Changes

Please refer address changes to:

Kitty Monley, Office of Administration and Finance, call 701/777-2431. Or write her at the UND School of Medicine and Health Sciences, Box 9037, Grand Forks, ND 58202-9037 (e-mail address: kmonley@medicine.nodak.edu).

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.*

DEAN'S LETTER

In Teaching, Research and Service

Efforts to Meet Highest Standards Result in Recognition and Investment

Three of the 11 awards given to outstanding UND faculty members at the annual Founders Day banquet last month were presented to teachers and researchers at the UND School of Medicine and Health Sciences.

We congratulate those who were recognized, including **James Mitchell, M.D.**, professor of neuroscience and the first occupant of the NRI/Lee A. Christoferson, Sr., M.D., Chair in Neuroscience, Fargo, who, in the most recent four years of an exemplary career, has written four textbooks, numerous papers, and grant proposals totalling more than \$8 million.

Edward Carlson, Ph.D., professor of anatomy and cell biology, and **Michael Atkinson, Ph.D.**, accepted richly deserved awards for their efforts in research and teaching. These individuals have set a standard of performance that strengthens the superb reputation the UND medical school enjoys (*see pages 4-5*).

Harwood Initiative moves ahead

The effort which will lead to a "new face" for the primary entrance to the UND School of Medicine and Health Sciences in Grand Forks is moving forward with gifts from alumni who value the education they received here and wish to honor the memory of **Dean Theodore Harwood**.

It is most gratifying to know that our alumni have not forgotten the experience they shared here as they began to prepare for their careers in medicine. It is a tribute to the school, and all it stands for, that alumni have chosen to support this worthwhile project.

As stated in past issues of THE REVIEW, all donations will be recognized in a wall of honor display within the front entrance of the building. Contributions will be categorized according to the amount of the donation (*see page 6*).

Inviting everyone back for Alumni Days

All alumni are cordially invited to return this spring to campus for the annual Alumni Days event, set for May



At a recent Fargo news conference announcing the Neuropsychiatric Research Institute's (NRI) gift to create the NRI/Lee A. Christoferson, Sr., M.D., Chair in Neuroscience (from left): James Mitchell, M.D., first occupant of the chair; Dean Wilson, and Roger Gilbertson, M.D., past chairman of the NRI board. The \$1 million gift recognizes the pioneering work of Dr. Christoferson, one of the founders of NRI.

24-26. It is always a pleasure to welcome back alumni who have gone out from this school, to make their mark in the world.

The talents and strengths, interests and abilities of people who came here years ago were shaped by dedicated faculty members whom many of you recall with fondness and admiration. As alumni, you have fulfilled the promise that was seen and nurtured in you. You will be gratified to know that we are continuing to fulfill that responsibility today.

Plan to attend the Nordlie Symposium

A symposium and banquet to honor **Robert Nordlie, Ph.D.**, professor and chairman of biochemistry, Grand Forks, are set for June 23-24. We invite alumni, friends and colleagues to mark your calendars and plan to attend this event meant to honor this remarkable researcher and educator who will retire this year.

In recognition of his nearly 50-year career, events will include a reception at the North Dakota Museum of Art, a day-long scientific symposium and a retirement banquet (*see calendar note on page 2 and story, page 7*).

Dedicated pediatrician will step down as chairman

Another long-time, respected and dedicated faculty member, **George Johnson, M.D. (B.S. Med. '58)**, professor and chairman of pediatrics, Fargo, is planning to retire.

A tireless, caring pediatrician committed to the well-being of all children, Dr. Johnson has served as an extraordinary role model for those medical students considering a career in his field.

This issue of THE REVIEW (*see page 10*) includes an article summarizing the most recent accomplishments of his department.

North Dakota is the beneficiary of such dedication by Dr. Johnson and his colleagues as several of our graduates who have gone on to pediatric residency training are returning to accept positions at clinics and hospitals in this region.

*H. David Wilson, M.D.
Dean*

FACULTY & STAFF

UND Founders Day Honorees

Medical School's Outstanding Faculty Recognized for Excellence

Several faculty and staff members of the UND School of Medicine and Health Sciences faculty members were honored for their contributions at the annual Founders Day banquet in February at Grand Forks.

They were lauded for their excellence in pursuing the mission of UND: teaching, research and service. In all, 11 awards, with cash prizes totalling \$18,500, were presented during the Founders Day celebration.

During the event which celebrated the 117th anniversary of the founding of UND, these UNDSMHS faculty and staff members were honored:

Michael Atkinson, Ph.D.

Department of Anatomy and Cell Biology
UND Foundation/McDermott Award for Individual Excellence in Teaching

One student described him as "the most influential teacher I have ever had from kindergarten until now, my fourth

year of college" in a letter of nomination.

Department chairman, Edward Carlson, Ph.D., said, "I have been chair of this department since 1981 and I have never seen such

excellent student evaluations for either this course or a faculty member. And I have never had a faculty member called 'awesome' either."

Atkinson was credited with taking extra hours out of his schedule to lead review sessions - even returning in the evenings and on weekends to help students. One student wrote, "He has given his students confidence through his encouragement."



Atkinson

He demonstrates thorough knowledge of his field by keeping abreast of the latest developments in the profession his students are pursuing and applying expertise in his field to what they will encounter after they graduate, another wrote.

He has been very active in offering suggestions for improved instruction and information delivery in the classroom: Last year he developed a new independent study course in an area that he thought needed to be expanded.

He also developed a proposal for and received funds from the Student Technology Fee Committee at UND to purchase video equipment making it possible for the entire class to observe instructive laboratory work, thus enhancing student learning.

"Without question, he is talented and gifted in his presentational ability," Carlson said. Nevertheless, many instructors with talent stay merely talented. He takes every opportunity to improve his teaching."

Long-term Employees Also Honored

During Founders Day special recognition also is given to those who are approaching retirement and those who have worked for UND for 25 years.

Recognized for outstanding careers with the UND School of Medicine and Health Sciences were those who are planning to retire this year. Among the retirees honored at the banquet were: **Robert Eelkema, M.D., M.P.H.**, professor and chairman of community medicine and rural health, and **Robert Nordlie, Ph.D.**, professor and chairman of biochemistry and molecular biology, both of Grand Forks.

UNDSMHS employees who have served for 25 years: **Lonna Augustadt**, administrative officer, Southwest Campus, Bismarck; **Judy DeMers**, associate dean for student affairs and admissions, Grand Forks; **Sandra Elshaug**, assistant director of student



Robert Eelkema, M.D., professor and former chairman of community medicine and rural health, Grand Forks, is recognized for his long and productive career.

financial aid, Grand Forks, and **Lila Pedersen**, director of the Harley E. French Library of the Health Sciences, Grand Forks.

Edward Carlson, Ph.D.

Department of Anatomy and Cell Biology
Thomas J. Clifford Achievement Award for Excellence in Research

In addition to his contributions to electron microscopy, he has served as chairman of his department since 1981. He is an alumnus of the UND School of Medicine and Health Sciences, having earned the Ph.D. degree here in 1970.

Members of the committee which determined award recipients were "extremely impressed" by his qualifications, said Clifford Staples, Ph.D., associate professor of sociology, Grand Forks, in remarks before presenting the award.

Carlson has been a very active, productive and important researcher, according to letters of nomination. His published papers to-date number 78 and he has several in preparation.

His research has focused on the use

of electron microscopy in the study of vision. Diabetic cardiomyopathy features prominently in his recent studies. He and his colleagues present papers regularly at national meetings. He has supervised the research work of 13 graduate students, including eight who earned the Ph.D. degree. He has contributed significantly to the teaching mission of UNDSMHS.

He has served on several important UND committees and is a member of numerous professional societies in his discipline. He served 11 years as associate editor of the *Anatomical Record*, a major journal in his field, and has reviewed manuscripts for at least 15 professional journals.

Carlson has received research grants from such competitive external agencies as the American Heart Association, National Institutes of Health, American Diabetes Association, the North Dakota Lions Foundation and the Juvenile Diabetes Association. **His work provides new insights in regard to microscopic changes accompanying such conditions as diabetes.**

Because of his demonstrated expertise as an electron microscopist, cell biologist and biomedical scientist, Carlson is very distinguished in the field of extracellular matrix research and has participated in numerous research collaborations with other highly regarded scientists from a variety of research fields, said **Jody Rada, Ph.D.**, associate professor of anatomy and cell biology, Grand Forks.

His research has provided the scientific community with fundamental information on basement membrane architecture, she said, and has provided key insights into basement membrane pathology associated with diabetes, nephropathy, cancer and aging.



Edward Carlson, Ph.D., (left) professor and chairman of anatomy and cell biology, Grand Forks, receives the Thomas J. Clifford Achievement Award for Excellence in Research.

James Mitchell, M.D.

Department of Neuroscience
UND Foundation/McDermott Award for Excellence in Teaching, Research and Creative Activity or Service

His academic record clearly demonstrates excellence in teaching, research and service to the school, the university, his profession and the community, according to a letter of nomination.

Recognized nationally and internationally as a leading researcher on eating disorders, he has led pioneering investigations of the diagnosis and treatment of anorexia nervosa and bulimia nervosa which began in the early 1980s at the University of Minnesota. Since then, he has received nearly continuous funding from the NIH and a variety of private foundations.

He has been the principal investigator or key researcher on grants totalling more than \$11 million. He was recently awarded a National Institutes of Health (NIH) grant for \$1.7 million and has two additional NIH grant proposals pending for more than \$1.3 million.

His studies have been reported in two books, *Anorexia Nervosa and Bulimia: Diagnosis and Treatment and Bulimia Nervosa*, in more than 230 refereed journal articles and book chapters, and in numerous papers and presentations at national and international research conferences.

Mitchell has received numerous teaching awards including the 1998 Teacher of the Year Award from the North Dakota Psychiatric Residents Association.

He and a colleague have developed and established The Eating Disorders Institute (EDI), based in Fargo, to help people of all ages by evaluating and treating eating disorders such as anorexia nervosa, bulimia nervosa and binge eating. A current EDI research project is aimed at determining the viability of delivering therapy via telemedicine, thus allowing patients to receive treatment in their home communities.



James Mitchell, M.D., (left) professor and chairman of neuroscience, Fargo, accepts the McDermott Award for Excellence in Teaching, Research or Creative Activity, and Service from UND President Charles Kupchella.

UPDATE

Recognizing Former Dean

Harwood Initiative Draws \$140,000 for Remodeling School's Entrance

A total of 249 donors have contributed \$140,122 for the campaign to honor the memory and career contributions of **Dean Theodore Harwood, M.D.**, who led the UND School of Medicine from 1953 to 1973.

Gifts to the Harwood Initiative will be applied to the costs of renovating and modernizing the front entry to the school's headquarters at 501 N. Columbia Road in Grand Forks.

Officials are in the process of hiring architects whose work will include focusing on the east entrance to the building (formerly the site of St. Michael's Hospital) which will be given a "facelift," the first in the building's 50-year history.

"We are most appreciative of the gifts our alumni and friends have chosen to entrust to us for the Harwood Initiative," said Dean H. David Wilson, M.D.

"The new facade and updated entrance will more appropriately reflect this up-to-date, state-of-the-art institution for medical and health professions education."

Modernization of the exterior front entrance and interior lobby will be carried out in phases according to priority planning, he said. The entrance will also be rebuilt to be handicapped-accessible.

The career of Dean Harwood will be highlighted through a permanent display in the front entry. The names of all who have contributed to this project will be inscribed in a "wall of honor" for public view. Donors' names will be organized and presented according to the amount of the contribution.

If you wish to join this effort, please write to the Office of Dean, UND School of Medicine and Health Sciences, P.O. Box 9037, Grand Forks, ND 58202-9037. Designate your gift to: The Harwood Initiative.

Here are recent donors who have committed gifts from mid-December to Feb. 29, as recorded by the UND Foundation:



The primary entrance of the UND School of Medicine and Health Sciences will be modernized in a project made possible with gifts to the Harwood Initiative. Officials are in the process of selecting architects to carry out the project.

Fritz Arnason, MD, Edina, MN
Gerald Beck, MD, La Grange Park, IL
John A Berger, MD, San Diego, CA
Robert C Boerth, MD, Mobile, AL
Dr & Mrs Eugene H Boyle, Grosse Pointe Shores, MI
Drs John and Amy Bratteli, Grand Blanc, MI
Stephen M Brink, MD, Appleton, WI
Robert J Byrum, MD, Bettendorf, IA
Dr & Mrs Jerrold A Corbett, Sutter Creek, CA
Russell S Crawford, Jr, MD, Deer River, MN
G David Dixon, MD, Leawood, KS
Dr & Mrs Lloyd K Everson, Jr, The Woodlands, TX
Dr & Mrs C Peter Fischer, Ann Arbor, MI
Dr & Mrs Lee H Fisher, San Jose, CA
Robert E Ford, MD, Ketchikan, AK
Eva L Gilbertson, MD, Seattle, WA
Steven K Glunberg, MD, Fargo, ND
Dr & Mrs Reinhold Goehl, Minnetonka, MN
Drs Terrence & Carol Grimm, Fargo, ND

Dr James D Haigh, Altoona, WI
J Michael Hatlelid, MD, Saint Louis, MO
Kenneth N Hepper, MD, Fargo, ND
Ralph G Holt, MD, Salinas, CA
Paul E Johnson, MD, Houston, TX
Terrance L Johnson, MD, Bemidji, MN
Dr & Mrs Michael Kihne, Sioux Falls, SD
Dr & Mrs John A Lambie, Grand Forks, ND
Paul B Lambie, MD, Rocklin, CA
Dr & Mrs Stefan D Laxdal, Minneapolis, MN
Dr & Mrs Jack E Leigh, Scottsdale, AZ
Cecil M Leitch, MD, Litchfield, MN
Stephen T Linn, MD, Paradise Valley, AZ
Drs T R Magill & S McCullough, Bismarck, ND
Gwen D Martin, MD, Birchwood, WI
Dr & Mrs Dean K Midboe, Grand Forks, ND
Wayne S Mohr, MD, Green Bay, WI
Dr & Mrs Dale C Moquist, College Station, TX
Arnold Mueller, MD, Topeka, KS
Dr & Mrs John H Muus, Grand Forks, ND
Donald C Nabseth, MD, Menlo Park, CA
Dr & Mrs Patrick A Nelson, Sioux Falls, SD
Dr & Mrs Don K Nicolson, Chandler, AZ
Louis A Noltmier, MD, Rockmart, GA
Raymond D Olson, MD, Cortland, NY
Dan J Ostergaard, MD, Olathe, KS
Earl D Peterson, MD, Central Point, OR
Gordon K Peterson, MD, Salem, OR
Dr & Mrs O William Pettit, Fergus Falls, MN
Dr & Mrs John Retzlaff, Medford, OR
Dr & Mrs Benedict Roller, Bismarck, ND
Carroll D Rund, MD, Menomonie, WI
Kent L Sack, MD, Martinez, CA
Donald W Sand, MD, Grants Pass, OR
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Dr & Mrs Robert Shaskey, Sun City West, AZ
Dr & Mrs Barry R Sheppard, Willits, CA
David D Swenson, MD, Danvers, MA
Gene D Tang, MD, Traverse City, MI
Jon B Tinglestad, MD, Greenville, NC
Theodore Togstad, MD, Santa Barbara, CA
Dr & Mrs Bruce J Wandler, Auburn, WA
Frank Welsh, MD, MHA, Cincinnati, OH
Robert L Welsh, MD, Bellevue, WA
Dr & Mrs Richard P Wenham, Colorado Springs, CO
Dr & Mrs Jerry D Wolf, Billings, MT
Howard S Young, MD, Sedona, AZ
Stephan M Zentner, MD, Indianapolis, IN

To Honor Career in Biochemistry

Robert Nordlie Scientific Symposium Set for June 24

A symposium and banquet to honor **Robert Nordlie, Ph.D.**, professor and chairman of biochemistry and molecular biology at the UND School of Medicine and Health Sciences, on his retirement are planned for June 23-24 at UND in Grand Forks. Alumni, friends and colleagues are invited to attend.

In recognition of his nearly 50-year career in teaching, research and service, the events begin with a reception the evening of June 23 at the North Dakota Museum of Art.

On June 24 a day-long symposium will present outstanding scientific speakers who are alumni of the Department of Biochemistry and Molecular Biology or colleagues of Nordlie. Each has risen to a prestigious position at a major university, in industry or within the National Cancer Institute.

A retirement banquet, set for the evening of June 24, will feature "roasts and toasts" by alumni and friends who have known Nordlie for many years.

Everyone is welcome to attend all or selected events. For registration and other information, please visit web site, <http://www.med.und.nodak.edu/depts/biochem/symp2000.htm> or contact **John Shabb, Ph.D.**, Department of Biochemistry and Molecular Biology, 701/777-4946 (or e-mail: jshabb@medicine.nodak.edu).

Here is a tentative list of speakers who have been invited to present talks at the Robert Nordlie Symposium on Metabolic Enzymes and Regulation:

Herbert Fromm, Ph.D., Department of Biochemistry and Biophysics, Iowa State University, Ames, Iowa (former UND School of Medicine faculty member who was Nordlie's graduate adviser), "Adenylosuccinate synthetase";

Dean Danner, Ph.D. '68 (Biochemistry), Department of Genetics, Emory University School of Medicine, Atlanta, Ga., "Branched-chain alpha-ketoacid dehydrogenase";

Gene Ness, Ph.D. '71 (Biochemistry), Department of Biochemistry and



Nordlie

Molecular Biology, College of Medicine, University of South Florida, Tampa, Fla. (a Ph.D. graduate of the UNDSMHS Department of Biochemistry), "HMG-CoA reductase";

Wayne Anderson, Ph.D. '68 (Biochemistry), Laboratory of Cellular Oncology, National Cancer Institute, National Institutes of Health, Bethesda, Md. (Nordlie's fourth Ph.D. student),

"Protein kinase C-Epsilon";

Michael McDaniel, Ph.D. ('66 M.S. Biochemistry), Department of Pathology, Washington University School of Medicine, St. Louis, Mo. (graduate student of **Francis Jacobs, Ph.D.**, former faculty member in biochemistry), "Pancreatic beta-cell signaling";

Patrick Choy, Ph.D. '75 (Biochemistry), Department of Biochemistry and Molecular Biology, University of Manitoba, Winnipeg, Manitoba, Canada (graduate student of **Ya-Pin Lee, Ph.D.**, former faculty member in biochemistry), "Phospholipids and arachidonic acid," and

Mark Yorek, Ph.D. '81 (Biochemistry), Department of Internal Medicine, Veterans Affairs Medical Center, University of Iowa, Iowa City (graduate student of retired faculty member **Paul Ray, Ph.D.**), "Lipid signaling-myoinositol."

PA Student Named Educator of the Year by Wisconsin EMS Association

Karyn Thornton, a student in the Physician Assistant Program, has been selected by the Wisconsin EMS (Emergency Medical Services) Association as that state's Educator of the Year.

Thornton, of Dodgeville, Wis., is an EMS instructor at Southwest Wisconsin Technical College in Fennimore, Wis. She has been an emergency medical technician (EMT) since 1987 and has practiced as an EMT intermediate and paramedic.

She became the college's EMT-intermediate training coordinator in 1996 and wrote a significant portion of the course curriculum.

"As a result of her dedication to education and professional excellence, southwest Wisconsin has three intermediate providers and a vision of several more," according to a statement from the college. "She has made a positive



Thornton

difference in the area's ambulance services."

She plans to practice as a physician assistant in the Dodgeville area upon graduation in January.

The recognition was announced recently in Milwaukee during the annual conference of the association, which has about 3500 members statewide.

ALUMNI

In Surgery and Psychiatry

M.D. Alums Selected as Chief Residents at University of Iowa

Three M.D. graduates of the UND School of Medicine and Health Sciences are serving this year as chief residents in programs of the University of Iowa Hospitals and Clinics in Iowa City. (A chief resident holds a position of leadership and authority in a program designed to train M.D. (or equivalent) graduates in a particular medical specialty.)

Adil Husain, M.D. '95, is chief of general surgery; **Cheryl Portwood, M.D. '95**, is chief of child psychiatry, and **Jodi Tate, M.D. '96**, is chief of adult psychiatry.

The University of Iowa medical complex, said to be the largest teaching hospital in the country, is located in a community similar to Grand Forks, said Husain, who is in his fifth year of residency training. A Big Ten school, the University of Iowa is the main focus of the town.

"I had heard a lot of wonderful things" about the University of Iowa and its teaching program, Husain said of the large, university-type setting. "I felt fortunate to match here... I am very happy, very satisfied" with the training he's received.

In the last four or five years there's been "a real connection" between UNDSMHS and the University of Iowa, Husain said, noting the number of fellow alums who have gone to UI for training: "There are two (residents) in general surgery, two in anesthesiology and one in pediatrics."

Carrie and Mike Rubin, both M.D. '93, (in pediatrics and radiology, respectively) and **Doug Schlicht, M.D. '94** (in anesthesiology) were nearing the end of their training when he arrived, he said.

After Husain completes his training in June, he plans to enter a three-year fellowship program in cardiothoracic surgery at the University of North Carolina at Chapel Hill, said the young surgeon whose parents are **Syed Husain, Ph.D.**, former faculty member in pharmacology at UNDSMHS, and his wife, who live in suburban Washington, D.C.

"Sometimes as students, we have the incorrect notion that, being educated in a rural environment, we are not getting the hardcore training" or the wide variety of cases that some may feel medicine calls for, he said. But "UND grads do well no matter what residencies they go into... We learn how to learn.

"I haven't heard from anyone who did not feel that way."

Husain has special memories of faculty members who went out of their way to help medical students including **Madhusudan Joshi, Ph.D.** ("he took a lot of time with us"), and **John Oberpriller, Ph.D.**, and **Jean Oberpriller, Ph.D.** ("they were wonderful, especially since anatomy was so important for me"), all retired faculty members in anatomy and cell biology.

In the clinical sciences, Husain remembers with gratitude **Mark Jensen, M.D.**, and **James Wagner, M.D.**, surgery faculty members, Fargo; **Robert Szczys, M.D. (B.S. Med. '70)**, and **Mark** (continued, next page)



M.D. graduates of the UND School of Medicine and Health Sciences (from left) Adil Husain, M.D. '95; Cheryl Portwood, M.D. '95, and Jodi Tate, M.D. '96, are chief residents at the University of Iowa Hospitals and Clinics.

(continued)

Siegel, M.D., surgery faculty members in Grand Forks, “were great mentors too, surgically speaking.”

He credits **Judy DeMers**, associate dean for student affairs and admissions, Grand Forks, as “such a great help while I was there.”

Richard Olafson, M.D. (B.S. Med. '57), former assistant dean for the Southeast Campus, Fargo, “definitely helped me a great deal” and **Henry “Hank” Slotnick, Ph.D.**, professor of neuroscience, Grand Forks, “helped me out a lot” concerning research projects which strengthened his resume and prepared him to do research at UI.

‘I got great training at UND. (In residency) I was actually ahead of people who trained at bigger facilities.’

Jodi Tate, M.D. '96

Dakota and been thankful for mentors I had and things I learned there.

“In retrospect, you realize (the value of) the experiences you were given.”

Jodi Tate, M.D. '96 (formerly Reich), the daughter of Dianne and Bill Gooch of Fargo, is chief resident this year in the adult psychiatry residency program at the University of Iowa.

Toward the end of her medical school education, she “wanted to stay in the Midwest” for training “and this (the U of Iowa) offered a good residency program,” she said. In fact, “it is one of the best psychiatry residency programs in the Midwest.”

About medical school at UND, she said, **“I am very grateful for the opportunity to study medicine at UND. I was able to stay close to home, and get a good education. And I feel I got a great education.”**

She recalls faculty members who influenced her choice of medical specialty, those who led “good stimulating discussion” and explored issues concerning human behavior. She “got turned on to psychiatry in that first year.”

“I got great training at UND and good experience,” she said. “I felt well-prepared for residency. I was actually ahead of people who trained at bigger facilities because, in North Dakota, I got to do more than (med students) do elsewhere.

“It’s just you and the physician, or you and the resident and the physician.”

As she looks to the end of her residency training, she is considering a private or community-based hospital practice in general adult psychiatry in the Chicago area, she said.

(Portwood could not be reached for input to this article.)

“I have done some research here,” Husain said, “and some of the basic things he taught me - the principles he introduced me to - have been quite helpful.”

“I am very grateful for my time in North Dakota. In the back of my mind I always think back to it,” he said. “You don’t always appreciate everything you had until you leave, you’re faced with things. Many times I’ve thought back to North

Alumni Notes

‘49

Victor Lindelow, M.D. (B.S. Med. '49), is a specialist in internal medicine at Mid Dakota Clinic in Bismarck.

‘56

Arthur Kracke, M.D. (B.S. Med. '56), Portland, Ore., retired in September. In recent years he has practiced part-time at a community hospital in Portland. He was a member of the radiology department at the Veterans’ Administration (VA) Hospital there from 1979 to 1992.

After earning the B.S. Med. degree at the UND School of Medicine, Kracke went on to complete the MDCM degree at McGill University in Montreal, internship and two years’ active duty in the U.S. Navy. With the completion of pediatrics residency training, he went into private pediatric practice for 13 years.

In 1979 he completed a residency in diagnostic radiology at Oregon Health Sciences University and joined the radiology staff of the Portland VA where he practiced until retirement in 1992.

‘71

Glen Hyland, M.D. (B.S. Med. '71), is a radiation oncologist with the Bismarck Cancer Center, a cooperative venture of Medcenter One Health Systems and St. Alexius Medical Center of Bismarck.

The new \$6 million Bismarck Cancer Center, which opened in August, serves a 33-county area of the Dakotas. It features an “integrated network 3-D planning system” which allows technicians and oncologists to plan radiation treatments more accurately.

‘88

Rick Paulson, M.D. '88, practices aesthetic, plastic and reconstructive surgery with Medcenter One in Bismarck.

In Memoriam

Norman Sather, M.D. (B.S. Med. '35), Fosston, Minn., died January 26 at home. He was 87.

A native of Fosston, he attended the UND School of Medicine where he earned the bachelor of science in medicine degree in 1935, then went on to complete the doctor of medicine (M.D.) degree at Rush Medical College at the University of Chicago. He served an internship and residency at Ancker Hospital in St. Paul.

In 1939 he moved to McIntosh, Minn., where he practiced medicine before entering the U.S. Army Medical Corps in May 1942. He was discharged in 1945 as a major.

He practiced in Mora, Minn., before joining his brothers, George and Edgar (“Bud”) at the Sather Clinic in Fosston in 1949. He was a charter member of Rotary. He retired in 1981.

He is survived by his wife, Martha; a son Richard, Thief River Falls, Minn., and a grandson.

Several Alums Serve as Chief Residents

Pediatrics Field Attracts M.D. Graduates of Spring 2000

Nearly one-fourth of the M.D. Class of 2000 has elected to pursue residency training in pediatrics or medicine/pediatrics, according to **George Johnson, M.D. (B.S. Med. '58)**, professor and chairman of pediatrics, Fargo.

Thirteen students have registered their intent to enter residency programs in pediatrics, which nine are planning to enter, and medicine/pediatrics, which four have decided to enter. The M.D. Class of 2000 includes 60 students.

DeMers Named 'Friend of Counseling'

Judy DeMers, associate dean for student affairs and admissions, Grand Forks, recently received the "Friend of Counseling" award from the North Dakota Counseling Association (NDCA). The award is given annually to persons outside the profession who have made special and significant contributions to counseling in North Dakota.

DeMers received the award primarily for her long-term sponsorship and support of NDCA initiatives in the North Dakota state legislature, where she has served for several terms. She was recognized for encouraging passage of bills which established counseling specialty licensing in 1995 and health insurance reimbursement for professional clinical counselors in 1999.

NDCA has been in existence for more than 40 years and represents 500 professional counselors throughout the state.



DeMers

Candidates Sought for Pediatrics Chairmanship

The University of North Dakota School of Medicine and Health Sciences invites applications and nominations for the position of Chair, Department of Pediatrics. The administrative portion of the position is half-time, allowing half time for clinical practice or other pursuits. Review of applications will begin in April and continue until the position is filled. This position will become available July 1, 2000; however, the actual start date is negotiable. Candidates must have an M.D. degree and be board-certified in pediatrics. Salary will be commensurate with qualifications.

Inquiries should be sent to: **James Brosseau, M.D., M.P.H.**, Chair, Pediatrics Search Committee, UND School of Medicine and Health Sciences, P.O. Box 9037, Grand Forks, N.D. 58202-9037. The University of North Dakota is an Equal Opportunity/Affirmative Action Institution.

Alumni Who Have Chosen Pediatrics as a Career

Several M.D. graduates in recent years have gone on to leadership positions in pediatrics, Johnson says. **Katie Copeland, M.D. '97**, has been co-chief resident at the University of Colorado, Children's Hospital in Denver.

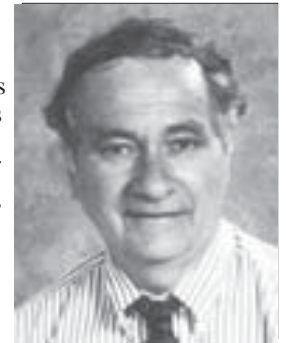
Jennifer Gregory, M.D. '97, a Fargo native, will begin duties July 1 as chief resident in pediatrics at the University of Minnesota.

Colleen Swank, M.D. '97, is finishing her work as chief resident in pediatrics at the University of Utah and has indicated her plans to return to Altru Pediatric Clinic in Grand Forks, Johnson said.

"This will make four of the pediatricians at Grand Forks relatively recent or recent graduates of the UND School of Medicine and Health Sciences," he wrote in a recent letter to colleagues.

In addition, **David Erickson, M.D. '97**, is finishing his pediatric residency at the University of Oregon in Portland and plans to join the staff of MeritCare Clinic in Bemidji, Minn.

Johnson credits the work of his colleagues, practicing pediatricians who teach for the UND School of Medicine and Health Sciences, for encouraging medical students' interest in pediatrics. He calls their accomplishments "remarkable" and thanks them for their "outstanding enthusiasm and effort" which led to "wonderful results."



Johnson

In Memoriam

Richard Larson, M.D., of Velva, N.D., a long-time friend of the UND School of Medicine and Health Sciences, passed away Jan. 18 in Minot. He was 78.

Dr. Larson, who practiced family medicine and surgery for almost 40 years in Velva and Minot, was a proponent of the four-year M.D. degree-granting program at the UND School of Medicine and Health Sciences, a development which was endorsed by the State Legislature in 1973.

Active in many civic and medical organizations, he was instrumental in the growth and advancement of hospitals in the Minot area. In addition to his practice at Velva Medical Center, he served on the staff of St. Joseph's Hospital (now UniMed) in Minot and as chief of staff from 1963 and again in 1985. In 1969, he was elected to that hospital's board and, in 1977, served as chairman of the board during a period when St. Joseph's built an addition housing a cancer care unit, surgical suite and intensive care unit.

He retired in 1990.

Continuing the Quest for Excellence:

A Charitable Solution to a Taxing Situation

In recent years, qualified retirement plan owners (even those over age 70 ½ - the mandatory minimum withdrawal age for IRAs) have seen their retirement account balances continue to grow, thanks to an incredibly strong stock market.

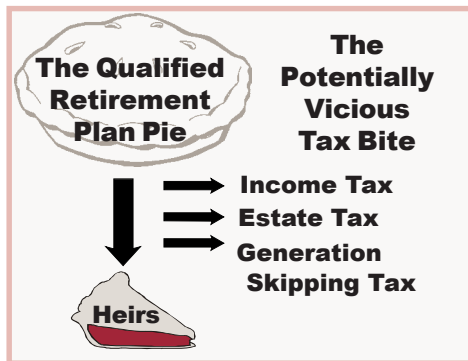
A “taxing situation” usually results, however, because qualified plan assets such as IRAs and 401(K)s are potentially subject to multiple layers of taxation, including income tax, estate tax and generation skipping tax. The erosion can be significant - in some cases as much as 80 percent or more - and is most often caused by poor estate planning.

Are there solutions to the vicious tax bite? Yes. One answer is to name the University of North Dakota Foundation the beneficiary of your plan. Qualified plan assets are ideal assets

to give to charity via will or living trust, because when transferred to a qualified charitable organization like the UND Foundation, all income taxes and estate taxes are avoided. Your estate receives a full tax deduction and 100

percent of the value of the account will be available to help continue the “Quest for Excellence” at the UND School of Medicine and Health Sciences.

A second solution is to name a *testamentary* charitable remainder trust (CRT) as the beneficiary. From the CRT, your surviving spouse or other loved ones can receive income for a period of time. When the trust matures, the principal balance is transferred to the UND Foundation for the benefit of the School of Medicine and Health Sciences. This strategy is particularly effective when the survivor who is to receive income benefits is a spouse. Here’s why: Upon the death of the qualified plan owner, the entire value of the plan is transferred to the CRT. Because income from the trust will pass to the surviving spouse, the transfer qualifies for a 100 percent *marital* deduction, and means there will not be any income tax or estate tax due. Upon the death of the surviving



spouse, the trust principal balance is transferred to the UND Foundation, then qualifying for a 100 percent *charitable* deduction, again resulting in *no tax*.

If someone *other* than a spouse is named to receive income from the testamentary CRT (such as children or grandchildren), a portion of the value of the qualified plan assets used to fund the testamentary trust will be subject to estate tax. This is because 1) the marital deduction is not applicable, and 2) the trust grantor has made a gift - a gift equaling the present value of the future income stream

to be distributed to his/her children or grandchildren. Such transfers are subject to the unified gift/estate tax structure. However, this plan for children and grandchildren can be extremely tax-wise and significantly reduce what would otherwise be a serious tax liability.

We will be happy to provide you and/or your professional advisor(s) an illustration of how a testamentary charitable remainder trust may fit into your estate plans. Simply call **Dean H. David Wilson**, UND School of

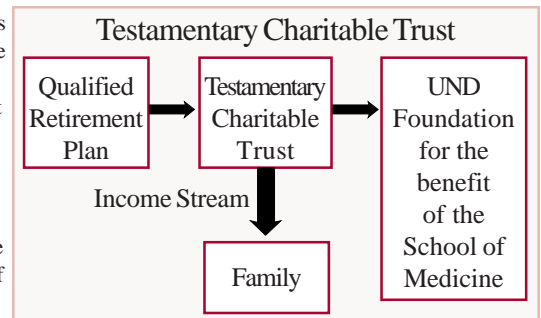
Medicine and Health Sciences, 701-777-2514, or **Dave Miedema**, UND Foundation, 1-800-543-8764.



Dave Miedema
Planned Giving Director
UND Foundation



H. David Wilson, M.D.
Dean, UND School of Medicine
and Health Sciences



Please contact me to discuss how a gift of retirement plan assets can benefit the University of North Dakota School of Medicine and Health Sciences.

NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

HOME PHONE _____ OFFICE PHONE _____

(All contacts will remain confidential.)

Clip and send to the UND School of Medicine and Health Sciences, Office of the Dean, P.O. Box 9037, Grand Forks, ND. 58202-9037

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