

Chapman takes over as NDSU president

With television news cameras and newspaper photographers recording the moment, Joseph A. Chapman entered the President's Office June 2 for his first day on the job. Chapman, NDSU's 13th president, comes to campus from Montana State University, where he was senior vice president and provost.

"I'm excited to be here," Chapman told reporters. "The transition has been great. There's been an incredible outpouring of support from all over the state and other states. It's amazing—NDSU alumni and friends are everywhere. I've gotten letters from Hawaii, Florida and all over the place. It's been very positive."

Noting it's important for him to meet many North Dakotans, Chapman will pursue an active summer schedule of attending Field Day activities in Streeter, Hettinger, Dickinson, Williston, Carrington, Minot, Sidney, Mont., and Oakes. "I want people to get to know



me and I want to get to know the folks. I want to learn their aspirations and what their concerns are. It's critically important to meet the people," he said. "NDSU has a unique statewide mandate. We have faculty and staff in literally every county of the state. We need to find ways to empower them, to connect them and make sure we are bridging the gaps to our constituents."

Chapman also said he has begun putting together some organizational structures intended to better link NDSU with the community and state. Don Morton, assistant to the president, will chair a new outreach council and Chapman will re-institute the President's Advisory Council, which will meet quarterly to discuss issues and needs in the state.

"The most important thing we can do is serve our constituencies," Chapman said. "Our primary constituency is our students, so we are going to be putting a lot of energy into looking at the institution to see how we can better serve them."

Chapman said another of his initial priorities will be to seek ways to increase salaries for faculty and staff, with potential revenue coming from extramural partnerships. He suggested a realistic goal is to raise salaries to the mid-range of the national rankings. "We can build opportunities for salary enhancements," he said. "As we do things, we need to engage the whole campus and the opportunities associated with that. I want to make certain everybody goes forward in terms of salaries."

Chapman's wife, Gale, and daughters Valerie, 15, and Jennifer, 12, will move to Fargo about July 1.

Blood drive set for June 22

An NDSU blood drive is scheduled for noon-3:30 p.m. Tuesday, June 22. The mobile unit will be parked on the west side of the Memorial Union. If you would like donate blood, bring identification at the time of your donation. Call Jill Langston in human resources at 1-8961 to schedule an appointment.

Libraries to be closed for Independence Day holiday

All NDSU Libraries (main, architecture, chemistry and pharmacy) will close Saturday-Monday, July 3-5, in observance of the Independence Day holiday.

Regular summer session hours will resume Tuesday, July 6. For a current listing of hours consult the Libraries' Web page at www.lib.ndsu.nodak.edu, use the HRS command on the online catalog or call the information tape at 1-9456.

Next Issue

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Reception honors Fischer for service to NDSU

Outgoing NDSU Interim President Allan G. Fischer was honored at a reception at the Alumni Center May 26. A packed room of well-wishers acknowledged his 31-year career at NDSU.

In honor of his years of service, the NDSU Alumni Association presented Fischer with an Alumni Center cornerstone tile which reads, "In appreciation. Dr. Allan Fischer—



Allan Fischer and his wife, Naomi, enjoy the reception held in their honor May 26.

leader, professor, dean, interim president."

Fischer joined NDSU in 1968 and became a full professor in 1980. In his years at NDSU, he served in several administrative capacities, including dean of the College of Science and Mathematics, interim vice president for academic affairs and interim vice president of university advancement.

Fargo Mayor Bruce Furness praised Fischer's commitment to students and his character. "I know him as a gentleman—a class act," Furness said. "He is a person who is highly regarded and well-liked by everybody who knows him."

Chancellor Larry Isaak said Fischer has a deep knowledge of NDSU and higher education and served as an example for others. He noted how Fischer and his wife, Naomi, work together as a team. "Al Fischer is someone who NDSU can be very proud of," Isaak said. "As the history of NDSU is written in years to come, that name is going to come up time and time again."

Jeremy Greene, former student body president, said, "Very few people have touched as many students' lives as Dr. Fischer has in his years at NDSU. Over and over, Dr. Fischer has been recognized for being there for students. That hasn't changed when he was a professor, hasn't changed when he was a vice president and hasn't changed when he was president."

Fischer told the gathering that Fargo has been a great place to raise a family and he remains committed to NDSU and its students. "We've had a great time," he said. "This is a fantastic institution."

He said his immediate plans are to direct the Governor's Schools in Business/Entrepreneurship, Laboratory Sciences and Mathematical Sciences, which he has led since its inception in 1990. In the fall, Fischer will serve as an academic adviser to student athletes.

"We certainly appreciate all the friendships and the outpouring of love from the people. Thank you very much," Fischer said.

Chapman requests state audit of Physical Plant

NDSU President Joseph A. Chapman has asked for a state auditor's investigation into practices in the Physical Plant department. In making his announcement June 3, Chapman said he hoped the audit could be completed within three months.

The audit request comes following a 47-page report by Buckhoff and Associates of Fargo in which a variety of Physical Plant practices were questioned by some former and current employees.

After further investigation, former Interim President Allan G. Fischer determined no disciplinary action was warranted. However, Chapman said questions continue to be raised and an independent audit is appropriate.

"Certainly no university president wants to call for a state audit on his or her first week in a new job, but I am convinced that troubling questions will remain until all the facts have been gathered and appropriate actions—if needed—have been taken," Chapman said. "As a public institution, NDSU is rightfully held to the highest standards of accountability. The taxpayers who support this institution expect those of us appointed to work here to do so in their best interests. Even the appearance of impropriety must be avoided."

Chapman said the audit request comes after consultation with Chancellor Larry Isaak and members of the State Board of Higher Education.

"Physical Plant is a fine organization, with a lot of pride in the campus," Chapman said. "The best way to deal with this is to simply ask the state auditor to come in from the outside, take a look at this and make recommendations. When I receive the report from the auditor, I will take actions based on the report. I want to bring closure to this."

Physical Plant's Ottman injured in fall

Killian Ottman, maintenance and project coordinator, was injured in a fall from a ladder June 8. Ottman was climbing to the roof of Putnam Hall when the ladder shifted and he fell to the ground, striking his head on the side of the building as he fell. He was taken to Meritcare Hospital and treated for head injuries. He was released the next day. The North Dakota Bureau of Workers Compensation is investigating.

NDPERS life insurance premiums to change

The NDPERS board approved changes to the life insurance contract with ReliaStar. Supplemental rates will change effective July 1. Changes include new age brackets for 25 and under and 25-29, separating the current under-30 age bracket. This will increase monthly premiums effective with June paychecks. To view the new rates, stop by Human Resources, Old Main 205, for a rate chart.

ITS outlines its Y2K involvement

Information Technology Services is recommending that its role include the following priorities regarding Y2K contingencies, crisis management and disaster recovery before, on and immediately following Jan. 1:

The first priority of ITS is to resolve issues with primary NDSU campus and HECN services for which ITS is responsible. It is imperative that ITS continue normal business operations in order for the university and the HECN to function smoothly.

The second priority of ITS will be to fulfill its obligations in contingency plans of other campus and HECN entities. Any other NDUS campus or HECN entity that wants ITS' assistance must include ITS in the development of its contingency plans, crisis management or disaster recovery plan. The contingency plan must be agreed to and signed by ITS and filed with the NDSU Y2K Steering Committee. ITS will only agree to participate in contingency plans relating to issues which are classified as mission critical, high impact, environmental or life and safety issues, according to the rubrics adopted by the NDSU Y2K Steering Committee.

ITS's third priority will be to help the NDSU Campus Risk Management /Disaster Recovery Team resolve unanticipated Y2K issues which have been determined to be mission critical, high impact, environmental or life and safety issues.

The NDSU Y2K Steering Committee approved the ITS priorities at its May 25 meeting.

Accounting office sets deadline for expenditure documents

The accounting office has established Friday, July 16, as the last day it will accept input documents for expenditures to be applied to appropriated, non-appropriated, grant and contract funds for the 1998-99 fiscal year. Input documents include requests for payment, receiving reports, travel vouchers, interdepartmental billings and journal entries.

Payments for goods and services received June 30, or earlier, must be applied to fiscal 1998-99 budgets. Payments for goods and services received July 1 or later must be applied to fiscal 1999-2000 budgets.

By applying payments to the proper fiscal year, the university's actual expenditures and year-end liabilities are recorded. Because the accounting system is used to prepare the official financial reports of the university, it is just as important to properly apply payments in non-appropriated funds as it is in state-appropriated funds.

All departments are asked to promptly process interdepartmental billing forms they receive in order to help the department on the other end to determine their budget status.

Overdrawn funds

When a document is inputted by the accounting office and the expenditure is found to overdraw the budget, the document is normally returned to the department. During July, instead of returning the documents, the accounting office will choose a department local fund to charge the expenditure. If a department prefers the accounting office to use a certain local fund, e-mail that information to mknutson@gwmail.nodak.edu.

President's Fund moneys to be disbursed by June 30

Interim President Fischer's Faculty Development Fund accepted funding requests from faculty throughout the 1998-99 academic year. The program has awarded up to \$500 to individual faculty members who applied for funds for research or teaching-related travel or to purchase software, with a \$100 match coming from department, college or other sources. During the past year, more than \$90,000 was awarded to NDSU faculty from the President's Fund.

As of June 1, applications are no longer accepted for this program, in order to allow enough time for the funds to be disbursed before June 30, the end of the fiscal year 1999.

All faculty members who received President's Awards in the past year are reminded to spend out those funds by June 30, when the program will expire.

The former Contingency Fund Faculty Travel Awards Program will continue to be available as usual in fiscal year 2000. Guidelines are available on the web at www.ndsu.nodak.edu/ndsu/sizer/forms/rcc/fcontfnd.html.

GE gives NDSU matching funds

General Electric has presented NDSU with \$47,912 through the GE Fund's Corporate Alumni Program. The funds, which were received May 24, match a total of 15 contributions made to NDSU in 1998 by company employees, retirees or directors.

"NDSU receives about \$215,000 annually from all corporate matching funds, so the GE gift is very important to us," said Jim Miller, NDSU Development Foundation executive director. "It's a way corporations acknowledge their employees and encourage them to be charitable. Matching programs have been a tremendous asset to all universities because anytime you can receive two for one, it's a great incentive."

The NDSU Development Foundation allows donors to use the corporate matching funds to qualify for various recognition levels, so individuals who make a contribution of \$500 are recognized at the \$1,000 level.

In 1998, General Electric employees and retirees gave more than \$9 million to institutions of higher learning. Since the matching gift program began in 1954, the GE Fund has matched more than \$94 million in gifts to colleges and universities.

Student Loan Service Center moves

The office of the Student Loan Service Center, NDUS, has recently changed locations. It has moved from its off-campus location to the Auxiliary Enterprise building, east entrance, off the T-2 parking lot. The office is a division of the North Dakota University System.

Electrical engineering department gets new name

The NDSU Department of Electrical Engineering has changed its name to the Department of Electrical and Computer Engineering. The State Board of Higher Education approved the new title at its May 12 meeting.

The department has a long history with computers, dating back to 1961 when the first computer arrived on the NDSU campus via the electrical engineering department. "We have had the computer engineering option for many years, but that was not reflected in the name of the department. We felt a name change was important," said Orlando Baiocchi, chair and professor of electrical and computer engineering.

Val Tareski, associate professor of electrical and computer engineering, said, "Over the years, the department has shifted a lot of our focus to include the effect of the computer on the discipline. The name change was done in an attempt to make people more aware that it is totally integrated into our curriculum."

The name change comes as computers continue an ever-increasing role in telecommunications, multi-media and commerce. Industry's demand for computer engineers is growing dramatically and the department is poised to help meet the need. "The U.S. Department of Labor expects the need for computer engineers to more than double by 2006," Baiocchi said. "There is still high demand for electrical engineers, but the demand for computer engineers is increasing much faster than the other."

Baiocchi notes that in the past two years, five new faculty members have joined the department. Three of them specialize in computer engineering and the two others work closely with the subject. "We've very proud to have hired them because nationwide it is very difficult to attract computer engineers to the faculty," he said. "We are in a very strong position in this regard."

The department currently has about 400 students and approximately 25 percent of them are taking the computer engineering option. Baiocchi and Tareski are hopeful the name change will more clearly define the department's programs, resulting in a future enrollment increase for the department and computer engineering. "Certainly students are much more aware these days of the word 'computer' than they are of the word 'electrical.' The societal focus on computers is getting through to students, and they want to know if it will be dealt with in the curriculum," Tareski said.

Baiocchi predicts that in a short time about 50 percent of the department's students will concentrate on computer engineering. "That is the trend nationally," he said. "The demand for this education and training is very high."

Skills center receives federal grant

The Skills and Technology Training Center has received a \$460,000 grant from the Economic Development Administration. The funds will be used for computer rooms, a multimedia/interactive video center and a resource center. This phase of construction is expected to be completed in December.

In making the announcement, U.S. Rep. Earl Pomeroy said, "This grant is great news for the expanding center. The customized, short-term job training provided by the center helps workers in the region meet the demands of the rapidly changing high tech industry, so it makes sense to equip it with top-of-the-line facilities."

Tony Grindberg, STTC executive director, said, "The success of the center can be credited to business, the North Dakota Legislature and the state's congressional delegation. The STTC is an example of how business, the state's university system and economic development are working together to grow North Dakota's tax base and population through an effective workforce training program."

Founded in 1996, the center is a public-private partnership among businesses, NDSU and the North Dakota State College of Science.

Extension staff to lead food safety tests

North Dakota businesses processing acidified foods such as salsa and low-sugar jellies began receiving free on-site food safety tests in June. Julie Garden-Robinson, extension food and nutrition specialist, serves as co-director of the testing project with Jim Lambert, a specialist with the Manufacturing Technology Partnership, a program of the Institute for Business and Industry Development at NDSU.

The Food and Drug Administration requires that all acidified foods be tested to determine pH level and water activity, which is the amount of moisture available to support bacterial growth. Testing, training and the development of a food processor's manual is funded with \$48,000 through a grant from North Dakota's Agricultural Products Utilization Commission and matching funds by the Manufacturing Technology Partnership, which is a program of the U.S. Commerce Department's National Institute of Standards and Technology.

During the on-site visits, project staff expect to find some companies with processing difficulties extending beyond safety issues. The staff refer companies that want processing assistance to an engineer in the Manufacturing Technology Partnership program. The training and reference manual are tailored to meet processor needs and are based on information collected during site visits.

The team believes this free testing is important because even one food safety problem resulting from noncompliance could have ramifications for all the state's food processors.

For more information about the project, contact Garden-Robinson at 1-7187 or Lambert at 1-1001.

Blimpie Subs to join Memorial Union food court

Campus diners will have a new option when Blimpie Subs and Salads joins the Memorial Union food court Aug. 1. The fast-food business has signed a three-year contract, replacing Subway Sandwiches, which did not submit a bid to rent the lower-level location.

"We asked three national franchises, all who offer quality sandwiches, to bid for the space. I would have been happy with any of them. Blimpie's was the only one to submit a bid. People will notice Blimpie's sandwiches are a little different and something new," said John Donahue, dining services director.

Taco Bell Express, the other national food franchise in the Memorial Union, also signed a three-year contract and will continue in its present location.

People

Hetlands retire after decades of service to NDSU

Jim and Marilyn Hetland, who have each served NDSU for more than 20 years, are retiring.

Jim Hetland, chief engineer for KDSU, retired in May after KDSU became part of the North Dakota Public Radio Network. Originally hired as engineering supervisor for educational broadcasting in 1969, he was responsible for developing and installing the first video network on campus in the early 1970s, and served on the original technical committee for the development of the North Dakota Interactive Video Network site at NDSU. In 1982 he was instrumental in securing a grant from the U.S. Department of Commerce to purchase transmitting equipment that allowed KDSU to go from 1,200 watts to 100,000 watts.

Marilyn Hetland, administrative secretary in the Department of Pharmaceutical Sciences, came to NDSU in 1979. She was the administrative secretary in animal science, nursing and pharmacy practice, and for the past 10 years has been in pharmaceutical sciences.

In 1994 Marilyn received the Mary McCannel Gunkelman Recognition Award, which honors a person on campus who best exemplifies significant contributions to creating a happy environment for NDSU students. In 1995 she was inducted into the Tapestry of Diverse Talents, a pictorial mosaic comprised of individuals who contribute to the multiculturalism of the NDSU community.

The Hetlands were active in the NDSU Bison Hockey Club, Inc., serving on its board of directors from 1984 to 1997. Jim was its president for a three-year term, and Marilyn was executive secretary and served one term as vice president.

Marilyn will retire June 30. A luncheon in her honor will be held at the Holiday Inn on Friday, June 18, at 11:30 a.m. To make a reservation, contact Jan Fortier at 1-6469 or Carol Jore at 1-7589.

Johansen retires, reception planned

A retirement reception is planned for Douglas G. Johansen, North Dakota state seed commissioner, from 2-4 p.m. Wednesday, June 30, in Johansen Hall at the North Dakota State Seed Department on the NDSU campus.

Respected in the seed certification industry, Johansen has spent 28 years with the department. He is credited with establishing one of the most modern research and greenhouse facilities in the region for the benefit of the North Dakota seed potato program.

Johansen developed seed potato programs in Beach and Cando, N.D., and has participated in national and international potato activities for three decades. He also served as chair, vice chair and director of the Potato Seed Certification Section. He will retire June 30.

Kirschenman retires

Merlin D. Kirschenman, associate professor of civil engineering and construction, retired from NDSU June 15.

Kirschenman joined the NDSU faculty in 1978. He has served as chair and professor of construction management and engineering and was the director of the construction division of the department of civil engineering and construction. During his tenure, construction management and construction engineering became accredited programs, and both programs now rank with the top programs in the nation.

He received his bachelor's degree in civil engineering from South Dakota State University and his master's degree in civil engineering from the University of California, Berkeley.

Prior to his career at NDSU, Kirschenman worked at construction and engineering firms in Denver and San Francisco.

Retirement dinner to honor Williams

A retirement dinner to honor Norman D. Williams, research leader of the USDA-ARS Cereal Crops Research Unit at the Northern Crop Science Laboratory, will be held at 7 p.m. Friday, June 25, at the Kelly Inn, Fargo. Williams will retire July 3 after more than 44 years of government service.

A native of Nebraska, Williams earned his doctorate in genetics from the University of Nebraska. His research career began in 1954 as a research associate at the Argonne National Laboratory, where he investigated the mutagenic effects of radioactive carbon incorporated in plant tissue. He joined ARS in 1956 to research the genetics of bread wheat and durum with emphasis on genetic resistance to stem rust.

An adjunct professor in the NDSU plant sciences department, Williams taught graduate level courses in genetics and cytogenetics from 1960 to 1982. He was named research leader in 1972 and has focused his work on the inheritance of disease resistance and other desirable traits in wheat.

His awards include Fellow of the American Society of Agronomy, Fellow of the Crop Science Society of America and Fellow of the American Association for Advancement of Science.

For more information on the recognition dinner, contact Polly McMichael at mcmichap@fargo.ars.usda.gov.

Fischer receives NCC award

Retired NDSU Interim President Allan G. Fischer received the North Central Conference Honor Award at the NCC Honor Awards Dinner May 16 in Sioux Falls, S.D. The award is the highest honor in the conference.

Fischer and five other recipients were recognized for their efforts to heighten the integrity of the conference. The award is voted on by the institutional representatives at each of the 10 member schools. Established in 1967, 152 people have received the honor.

Fischer first came to NDSU in 1968 as an assistant professor of biochemistry. He has served in a number of administrative capacities, including the dean of the College of Science and Mathematics, interim vice president for academic affairs and interim vice president of university advancement. He has been associated with NDSU athletics for the last 19 years, serving as the institution representative for 12 years. He also was president of the NCC and served on numerous committees.

Other award winners were Jack Doyle, University of South Dakota; Denise Fandel, University of Nebraska-Omaha; Joseph Farnham, Minnesota State University, Mankato; Bruce Grube, St. Cloud State University; and Terry Wanless, University of North Dakota.

Alumnus starts scholarship fund in memory of daughter

North Dakota State University alumnus Darrow Beaton and his wife, Elinor, felt a gift to his alma mater was a special and meaningful way to remember their late daughter, Gail Beaton Peterson, who was the wife of Larry Peterson, NDSU professor and chair of history.

The Beatons, now of Las Vegas, Nev., established a \$100,000 charitable gift annuity with the NDSU Development Foundation to initiate the "Darrow R. Beaton and Elinor E. Beaton Endowed Scholarship Fund." The scholarships will go to students whose primary course of study is history.

The Beatons consider the scholarship fund an appropriate way to honor their daughter's memory. "Gail was a sweetie. She loved people and we miss her," said Darrow Beaton. "Her primary interests in life were young people and education."

Gail Peterson, who died of cancer July 30, 1998, at the age of 50, taught in NDSU's Department of Child Development and Family Relations from 1976 to 1980. A psychologist in private practice with Lost and Found Ministry in Moorhead, she also had served as a psychologist with Lutheran Social Services of Minnesota and Lutheran Social Services of North Dakota. She earned her bachelor's degree from Augsburg College and her master's degree and doctorate from the University of Minnesota. In addition to her parents and husband, she is survived by two sons, Geoffrey and Erik, and two grandchildren.

Members named to business administration advisory board

Five new members were recently named to the NDSU College of Business Administration Advisory Board, according to Jay Leitch, dean of business administration.

The new members are Keith R. Maetzold, president, Community First National Bank, Dickinson; Lou Dean, operations team leader, Cargill Financial Service Center, Fargo; Paul Orth, executive director of external communication, Noridian Government Service, Fargo; Deborah Soliah, executive director, MeritCare Foundation, Fargo; and Kim Albrecht, public relations director, Great Plains, Fargo.

The board assists the college with strategic planning regarding its programs and curricula. The panel shares information about the college with the business community and brings regional business needs to the college.

Issues facing the board include accommodating increasing enrollments in business degree programs, helping to keep student learning in agreement with business needs and planning a future facility to house the college. Roger Reiersen, Flint Communications, is the board's president.

NDSU staff honored in North Dakota communication contest

Several staff members from NDSU were recognized at the North Dakota Professional Communicators contest in May.

Laura McDaniel, director of marketing communication, received first place in newsletters regularly edited by entrant for the NDSU alumni publication, "Bison Briefs."

Steve Bergeson, news coordinator in university relations, received first place in feature story in a publication for general or specialized circulation. The article, "History of the Home Management House," was co-written by Merideth Sherlin, now in the admissions office.

Martin Fredricks received first place in the non-profit, four-color brochure category for the "Memorial Union Image Piece." He helped develop the overall concept and wrote the copy for the brochure, which promotes the NDSU Memorial Union and its services. Members of the Publication Services team who collaborated to produce the brochure were Rob Larson, design manager; Dan Koeck, photographer; and Kathy Laid, copy editor.

Fredricks also took second place in the single feature news release category for his story, "Pharmacy major is voice of Thunder Radio." The story, which ran in the Plainview (Minn.) News on May 21, 1998, featured Jeff Bratberg, a pharmacy major who was also a disc jockey at KDSU and president of campus attractions.

Becky Koch, information specialist in agricultural communication, received second place in nonprofit marketing program or campaign for a new or existing product. She also received third place in feature story in an international publication and honorable mention in black-and-white institutional or image newspaper display ad.

Bierwagen presents papers in Germany

Gordon Bierwagen, professor of polymers and coatings, attended the fifth Nuremberg Congress in Nuremberg, Germany in April. The theme of the event was "Creative Advances in Coatings Technology." Bierwagen presented the paper "Film Thickness and the Electrochemical Properties of Organic Coatings" in a session on analysis and testing. The paper was co-written by Bierwagen; Dennis Tallman, professor of chemistry; Junping Li, graduate student in polymers and coatings; and Ned Davis, a St. John's University student who participated in the department's summer research program.

Bierwagen returned to Germany in May to visit the Forschungsinstitut für Pigmente und Lacke/University of Stuttgart where he gave a seminar for the staff and met with Claus Eisenbach, professor of macromolecular chemistry and director of the school. Bierwagen went on to Schliffkopf where he was an invited speaker at an international workshop on the application of electrochemical techniques to organic coatings. His presentation was entitled "Cyclic Temperature Effects in Corrosion Control by Coatings."

Each presentation was based on work by the corrosion/coatings group, which is an inter-departmental group co-directed by Bierwagen and Tallman.

Research administration leadership changes

William Perrizo stepped down as interim dean of research administration and returned to his position as professor in computer science as of June 1. He had held the interim dean's position since September 1995.

Beginning June 1, and until long-term plans for the position are decided, R. Craig Schnell, vice president for academic affairs, will be the authorized organizational representative who will sign for grants, proposals, agreements and contracts.

Faculty and staff are advised that all such paperwork should continue to be routed through the research administration office, 201K Old Main, rather than directly with Schnell's office. Please allow 72 hours for this paper processing since there may be times when Schnell and others are out of the office this summer.

Padmanabhan to chair civil engineering, construction

G. Padmanabhan, professor of civil engineering, will begin his appointment as the chair of the civil engineering and construction department July 1. He was appointed to a three-year term by Otto Helweg, dean of engineering and architecture.

Don Andersen, associate professor of civil engineering, has held the position for the past three years. Andersen also has served as chair of the Transportation Technology Transfer Center and will continue his duties there.

Grant-in-Aid awards announced

The NDSU Research and Consulting Committee has announced the 1998-99 Grant-in-Aid awards. Twenty applications were received, resulting in 13 awards for a total of \$72,825.

The committee annually sponsors the program to assist faculty in obtaining external funding for their research activities by providing financial support for preliminary activities such as collecting preliminary data. Awardees are expected to submit a proposal to an external agency by the conclusion of their one-year Grant-in-Aid project.

Awards were made in two categories: New Investigator Awards and Interdisciplinary Awards. Recipients, their departments, award amounts and project titles are as follows:

New Investigator Awards

- Karen Arnell, psychology; \$6,000; "Cross-Modal Attentional Bottlenecks: Investigations Using Event-Related Potential"
 - James Bartlett, industrial engineering; \$6,500; "Health and Healing of Intelligent Composite Structures"
 - Kevin Brooks, English; \$6,155; "Composition Courses in North Dakota: Past and Future"
 - Roger Green, electrical engineering; \$1,625; "Real-Time Evolutionary Fourier Analysis"
 - David Hopkins, soil science; \$6,262; "Geochemical Evaluation of the Dahlen and Hansboro Formations in Cavalier County, N.D."
 - Brian Nelson, civil engineering; \$5,445; "Microbial Contamination of Groundwater Sources from Open Grazing and Feedlot Waste Sources"
 - Wayne Reitz, mechanical engineering; \$6,200; "Metallurgical and Wear Testing of WC Laser Surface Cladding"
 - Craig Stockwell, zoology; \$6,500; "An Experimental Assessment of the Costs of Parasitism in the White Sands Pupfish (*Cyprinodon tularosa*)"
 - Leo Vijayasathy and Joe Mike Jones, business administration; \$2,980; "Consumer Perceptions of Internet Shopping"
 - Cheryl Wachenheim, agricultural economics; \$6,375; "Building Sustainable Legislation for the U.S. Livestock Industry"
- ### Interdisciplinary Awards
- Ken Kellogg, civil engineering, and Allan Kallmeyer, mechanical engineering; \$5,804; "Durability of Polymer Composite Subjected to Low Temp Cycling"
 - Theresa Nicklas, food and nutrition, and Charles Peterson, pharmaceutical sciences; \$6,500; "Incorporating Nutritional Care Services in Community-Based Pharmacies for Improving Diabetes Health Outcomes"
 - William Shelver and Inder Sehgal, pharmaceutical sciences; \$6,479; "Synthesis and Testing of Novel Matrix Metalloproteinase Inhibitors"

Education faculty attend conferences

Faculty in the School of Education and six graduate students recently attended the American Counseling Association World Conference in San Diego. Wade Hannon, associate professor of education, was nominated as a presidential candidate for the Counseling Association of Humanistic Education and Development. Bob Nielsen, associate professor and counseling coordinator, presented a seminar on counselor licensure in the United States and led a roundtable discussion on national testing for counselors.

Loren Sauer, associate professor, served as the North Dakota representative for the President's meeting; and Jim Wigtil, professor of education, chaired the Association for Counselor Education and Supervision network meeting for program administrators and the roundtable discussion for counselor education department chairs.

Cynthia Leung, assistant professor of education, presented her paper "Socially Created Read-Aloud Texts in a Kindergarten Class" at the annual meeting of the American Educational Research Association in April. She also was invited to be a member of the Chinese American Educational Research Association in recognition of her research with Chinese American youth. Her book review of "The Worlds of P'Otsunu: Geronima Cruz Montoya of San Juan Pueblo," by Jeanne Shutes and Jill Mellick, will appear in the summer issue of *American Indian Quarterly*. Leung has been invited to be a regular reviewer for the journal.

Tallman, Farden attend electrochemical society meeting

Dennis Tallman, professor of chemistry, and David Farden, professor of electrical engineering, attended the 195th Electrochemical Society Meeting in Seattle in May.

Farden presented the paper "DSP-Based Instrumentation for Electrochemical Impedance Spectroscopy" as part of the symposium *New Directions in Electroanalytical Chemistry*. The paper was co-written by Farden, Tallman and Gerardo Miramontes de Leon, a visiting scholar in electrical engineering. The presentation was based on work done in the corrosion/coatings group.

Tallman co-authored another paper entitled "Transient Behavior at Planar Microelectrodes. High Efficiency Algorithm for an Integral Equation Method at a Band Electrode," which was presented at the same symposium by D. K. Cope, associate professor of mathematics.

Meister receives young scholar award

Mark Meister, assistant professor of communication, recently received the "Emerging Scholar" award from the Kenneth Burke Society. The award was presented at the society's fourth Triennial Conference held May 20-24 at the University of Iowa.

Meister was one of 14 nominees for the award. It is presented every three years to a "young scholar whose knowledge and critical insight has significantly contributed to the Burkeian literature."

Pharmacy faculty receive recognition

Three faculty in the College of Pharmacy received recognition awards at the college's annual graduation hooding ceremony May 7. As part of their recognition, each faculty member received \$500 and an engraved plaque. Nearly 500 people attended the ceremony.

Edward O. Magarian, associate professor of pharmacy practice, received recognition as the college's 1999 Teacher of the Year. The award is given to a faculty member of the college who has been chosen by students in the professional program for outstanding performance and commitment to teaching. Magarian received his bachelor's degree in chemistry and doctorate in pharmaceutical chemistry from the University of Mississippi. He joined the NDSU faculty in 1973. Magarian teaches medicinal chemistry and acid/base lectures to undergraduate students and also coordinates the Community Pharmacy Pharmaceutical Care Laboratory training program for pharmacy students and preceptors for eight experiential training sites across North Dakota.

Since 1993, Magarian has developed and implemented a health monitoring and screening program for community-based pharmacies as part of the college's educational program which was recently approved by the Legislature as a standard of practice for pharmacy in North Dakota.

Lee Kral, clinical assistant professor of pharmacy, received recognition as the College of Pharmacy's 1999 Preceptor of the Year. Students in the fourth year of the professional program vote on this award, which is presented to a faculty member who represents outstanding performance and commitment in precepting pharmacy students on clinical rotations. Kral received her bachelor's degree in pharmacy and her Pharm.D. from the University of Iowa. She completed an ASHP accredited pharmacy practice residency at the University of Iowa Hospitals and Clinics in Iowa City, Iowa. She has been a member of the faculty at NDSU since 1996.

Kral teaches undergraduate pharmacy students pharmacotherapy of renal disorders and also practices as a pharmacotherapy specialist at the Veterans Administration Medical Center in Fargo where she precepts pharmacy students on clinical rotations.

The college this year also started a new tradition in recognizing a faculty member for excellence in research. Jagdish Singh, assistant professor of pharmacy, was named 1999 Researcher of the Year. The award is selected by an outside peer review panel and recognizes a faculty member who has demonstrated outstanding achievements in research and excellence and innovation in their scholarly work.

Singh received his bachelor's and master's degrees in pharmacy and doctorate in pharmaceuticals from Banaras Hindu University in Varanasi, India. He also completed a post-doctoral fellowship in the department of pharmacy, University of Otago, Dunedin, New Zealand. Singh joined the NDSU faculty in 1994. He teaches and conducts research in pharmaceuticals specifically concentrating on novel drug delivery systems/devices. He was the college's 1998 Teacher of the Year.

Singh receives Air Force grant

Jagdish Singh, associate professor of pharmaceutical sciences, received a grant from the Department of Defense Experimental Program to Stimulate Competitive Research through the Air Force Office of Scientific Research. Of the total grant of \$339,608, the Air Force shares \$224,376. His research project is titled "Percutaneous Absorption, Skin Biophysics and Dermatotoxicity from JP-8."

JP-8 is the standard fuel used for most aircraft, aerospace ground equipment, vehicles and miscellaneous support equipment in the U.S. Air Force. Fuel system maintenance usually requires direct, prolonged exposure to the fuel, but at the present time there are no standards for Air Force personnel regarding dermal exposure to jet fuel. The research will determine the in vitro percutaneous absorption of major components of jet fuel and dermatotoxicity. The study will explore the binding of the chemicals to the human stratum corneum, biophysical changes and changes in the macroscopic barrier in the skin.

The research will address the burden on the human body of each of the major components of the fuel, the relationship between binding of chemicals with stratum corneum and skin permeability, biophysical changes in stratum corneum lipids and if the chemicals cause dermatotoxicity.

Prunty, Padmanabhan published in journal

Lyle Prunty, professor of soil science, and G. Padmanabhan, professor of civil engineering, co-wrote the article "Revisiting Steady State Water Flow in a Saturated, Inclined Soil Slab" that appears in the May issue of the Water Resources Journal.

The authors approached a 1965 analysis of the problem in a more direct manner. The article expands the analysis to a geometry closer to the true field situation and to a complete three-dimensional region.

Engineering student wins awards

NDSU student Craig J. Brownell has been selected for the 1999 Caterpillar Scholars Award and the 1999 Myrtle and Earl Walker Scholarship Award. The honors were announced May 20 in Dearborn, Mich., by the board of directors of the Society of Manufacturing Engineers' Education Foundation.

Brownell is a native of Sparta, Wis., and recently completed his junior year at NDSU. He is pursuing the aero specialty option within the manufacturing engineering degree program.

"As his awards would indicate, Craig is an excellent student both in terms of his effort level and his grade point average," said Scott Danielson, assistant professor of industrial and manufacturing engineering and coordinator of the manufacturing engineering program, noting that Brownell usually carries 16 to 20 credit hours each semester. "He likes to learn and is thorough about the things he does. We're lucky to have him."

The Caterpillar Scholars Award is \$2,000 and the Walker scholarship is \$1,000.

Pharmacy student published in journal

A paper co-written by third-year pharmacy student Anastasia Rivkina was published in the May issue of the Journal of Neuroendocrinology. The paper was titled "Radioligand Assays for Estradiol and Progesterone Conjugated to Protein Reveal Evidence for a Common Membrane Binding Site in the Medial Preoptic Area-Anterior Hypothalamus and Differential Modulation by Cholera Toxin and GTPγS."

Rivkina's paper suggests for the first time that the two ovarian steroids, estrogen and progesterone, act on the same receptor in the cell membrane. This postulate could change the perception of the relationship of these two potent hormones to each other and to behavior. The paper follows acclaimed work by researchers at the University of California-San Francisco showing that estrogen does not act as was previously thought, but instead must work via systems such as the one described in Rivkina's paper.

She conducted her study in the laboratory of Jack Caldwell, assistant professor of pharmaceutical sciences.

Vee to receive Rough Rider Award

Gov. Ed Schafer will present Fargo musician Bobby Vee with the 1999 Rough Rider Award at 4 p.m. Sunday, June 20. The presentation at the Capitol Grounds in Bismarck will be followed by a concert featuring Vee.

"We want to make this a grand celebration and all are welcome to attend," said Schafer. The concert is free and open to the public. It is suggested that attendees bring lawn chairs or blankets for seating during the event.

In case of inclement weather, the celebration will be held at the Bismarck Civic Center Exhibit Hall.

Events

Art showcased in Union through summer

Although the Gallery is closed for the summer, many new pieces of art will be displayed throughout the Memorial Union. Pieces by Kim Bromley, assistant professor of art, are currently on loan and are featured in the Alumni Lounge, Century Theater reception area and in various offices and stairwells throughout the building. Other art faculty may have pieces featured in the building this summer as well.

Bromley's displayed work includes landscapes of North Dakota and Minnesota, pieces from a Mexico series and a flower painting series. Many of the pieces are for sale.

For more information contact Peg Furshong at 1-8239.

KCCM to feature NDSU faculty recitals

As part of its Regional Artists in Concert series, two recitals by NDSU and Concordia College music faculty will be broadcast on KCCM 91.1 FM, at 7 p.m. Thursday, July 1.

The first recital is made up of selections by the Hard-Bop saxophone quartet, which features Mark Watkins, former NDSU assistant professor of music.

The second recital features two NDSU faculty. It is a trombone recital by Kyle Mack, associate professor of music. He will be accompanied on the piano by Mary Marshall, lecturer of music.

Funding for the program is made possible by the North Dakota Council on the Arts.

American Indian art exhibited

In cooperation with the Office of Multicultural Student Services, the Memorial Union Gallery is exhibiting American Indian art and crafts in the oak display cases in the Alumni Lounge through July 1.

Beaded handbags, paintings, blankets, jewelry, painted buffalo skulls, a carved flute, hand drums and an arm shield will be available for viewing.

All items are produced by regional artists and are for sale. The proceeds will benefit the American Indian Emergency Loan Fund. Anyone interested in purchasing items may contact the Gallery at 1-8239.

Counsel's Corner

Malcolm Thompson Lawsuit Dismissed

The 8th Circuit Court of Appeals, in a one-paragraph, unpublished opinion filed May 21, dismissed a civil rights lawsuit by a former probationary faculty member, J. Malcolm Thompson. Thompson had been a member of the history department until 1995. In July of 1998, a federal jury in Fargo had returned a verdict in favor of the university dismissing Thompson's lawsuit against various NDSU employees. Thompson had claimed at trial that his First Amendment rights were violated by his nonrenewal.

The appeal involved the trial judge's dismissal, prior to trial, of most of Thompson's lawsuit. The judge had ruled that Thompson did not have a federally recognized property interest in continued employment as a probationary faculty member. The 8th Circuit Court of Appeals ruled that the District Court did not make any reversible errors in the case.

Rick D. Johnson
General Counsel

Shorts and Reminders

Positions open and their closing dates through the Office of Human Resources, Room 205, Old Main:

Administrative Secretary/#0041
CDFS - Center for Child Development
\$7+/hour
June 16

Administrative Secretary/#1903
Extension 4-H Youth Development
\$15,000+/year
June 14

Loan Officer/#4581
Student Loan Service Center
\$17,316+/year
June 18

Teacher Aide/#0032
CDFS - Center for Child Development
\$1,100+/month
June 29

Custodian/#0762 (2 positions available)
Physical Plant
\$13,847+/year
June 17

Painter/#0767
Physical Plant
\$18,072+/year
June 29

Food Service Operations Supervisor/#4917
Dining Services - RDC
\$10.45/hour
June 25

Agricultural Research Technician (Durum Breeding Program)
Plant Sciences
\$20,000+/year
June 18

Information Technology Research Support Specialist/#4886
Information Technology Services
\$26,414+/year
June 16

Teacher Technician/#0223
Child Development Family Science
\$1,276+/month
June 29

Registered Nurse
Student Health Service
Salary: Commensurate with experience
June 14

Assistant Director of Marketing and Promotions
Athletics
Salary: commensurate with qualifications and experience
June 22

Stewardship Forester/#4914
ND Forest Service - Bottineau
\$21,576+/year
June 15

Chemist/#4023
Pharmaceutical Sciences
\$21,576+/year
June 21

Technology Coordinator
Physical Plant
\$32,000+/year
June 29

Calendar

June

21 USDA-ARS—Laurence Chandler, research leader/research entomologist, crop and entomology research, USDA-ARS Northern Grain Insects Research Laboratory, Brookings, S.D., will present a lecture at 2 p.m. in the Biosciences Research Laboratory, large conference room

21-24 Extension Youth Conference held at NDSU

25 Retirement dinner for Norman D. Williams, research leader of the USDA-ARS Cereal Crops Research Unit at the Northern Crop Science Laboratory, 7 p.m., Kelly Inn, Fargo

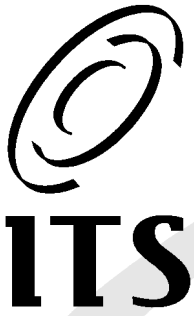
July

4 Independence Day

5 Independence Day holiday, administrative offices closed, no classes

6 Administrative offices open, classes resume

30 Last day of summer classes



Cluster computers, LCD projection panels for sale

Each summer ITS replaces a number of three-year-old computers in the ITS supported clusters. Approximately 30 used computers are still unspoken for and available for purchase. This is an opportunity for departments, faculty and staff who are seeking to upgrade systems to get a quality machine for a reasonable cost. These computers will be available on a first-come, first-served basis. To request a used cluster machine, indicate in a formal letter to Brian Abraham your first and second choices or contact Abraham with any questions at 1-8686 or by e-mail at braham@plains.nodak.edu. Departments will be notified in June regarding requests. All of the computers have been tested and are Y2K compliant.

\$300: Dell Pentium 100, 700 MB hard drive, 48 MB RAM and 15" monitor

\$300: PowerMac 7200/90, 700 MB hard drive, 64 MB RAM and 15" monitor

Also for sale are several older LCD projection panels, which require the use of an overhead projector. They will be sold on a first-come, first-served basis. Contact Melissa Stotz at 1-6158 or by e-mail at stotz@plains.nodak.edu for questions regarding this equipment.

\$150: Infocus LCD Projection Panel, model 550 with Resolution 640x480

This equipment is to remain part of NDSU's inventory. All equipment is sold as is and will be tested before leaving ITS, but no warranty is implied or given. The equipment may not be available until the start of fall semester and billing will not be initiated until July 1, 1999.

**University Relations
North Dakota State University
PO Box 5167
Fargo, ND 58105**

New cluster, classroom service center

The NDSU Technology Fee Advisory Committee recommended funding for a proposal from ITS for "one stop shopping" for cluster and classroom support center. The proposal received high marks and as a result funding was awarded. ITS will be opening the ITS Cluster and Classroom Service Center late this summer in IACC 150A. It will represent a combination and merging of services currently offered by the ACM consultants, the cluster multimedia consultants, student special printing and a number of the Help Desk reservation/scheduling services. The goal of the center will be to offer one-stop cluster help and provide improved service for equipment checkout and support.

Specific services offered through the center will include: color printing, plotting, manual-feed prints, equipment checkout (VCR, proximas, laptops, zip, etc.), cluster consulting, multimedia assistance, a video-editing machine and cluster and equipment reservations and scheduling.

The center will be under the supervision of Brian Abraham, ITS facilities manager. Carl Clark will be the center's manager.

The ITS Help Desk will continue to support student, faculty and staff needs related to general computer related questions such as resolving computer/desktop problems, connections/dial-in questions, OMAR scanning and software licensing.