The beginning of a new year is always exciting. There is a special enthusiasm and energy to set new goals and to reflect on past accomplishments.

This publication provides some of the highlights of our accomplishments during 2011, and we accomplished a great deal. Some key achievements include:

- An official enrollment of 1,728.
- An increase in success of our students on national exams. In all cases, our students had a pass rate that exceeded the national rate, and our athletic training and dietetics didactic graduates had a 100 percent pass rate.
- Degrees were awarded to 375 students. Of those, 13 earned doctoral degrees.
- Individual youth participating in 4-H youth programs reached 23,455.
- Faculty publications and presentations continued to increase. Our faculty published three books.
- Faculty in our education doctoral program were invited to participate in the second phase of the Carnegie Project on the Education Doctorate. The project is sponsored by the Carnegie Foundation for the Advancement of Teaching and the Council of Academic Deans in Research Institutions (our college is a member of the council). This is a big step toward our goal of achieving national recognition for our education doctoral programs.
- Four new programs began this fall: a new doctoral program in developmental science, an undergraduate dual degree program with Minot State University in social work and family science, an advanced athletic training master's degree and a five-year program in athletic training.
- Programs in interior design, hospitality and tourism and exercise science received full accreditation. We also completed five-year accreditation reviews for our dietetics programs.
- Materials compiled by interior design and couple and family therapy during their accreditation processes are being used as national models.
- Nancy Kaler, senior lecturer in human development and family science, was selected to receive the first NDSU Service Learning Award. This award was established to recognize a faculty member who exhibits exemplary dedication to student learning.
- Work life balance policies that our faculty and staff adopted were used as the model for proposed university policies.
I am lucky because, as dean, I can “brag” about our successes. I also am fortunate to work with faculty and staff who are leaders on campus, in their communities and in their professions – they have that “unlimited ability to improve the quality of what we have to offer.” The College of Human Development and Education continues to gain recognition regionally, nationally and internationally. You can be very proud of your college.

Thanks for the support that many of you provide through your time, talents and monetary contributions. You contribute to our accomplishments.

We will continue to print this publication because we know that many of you prefer to read a paper copy. However, we also maintain an electronic mailing list. Please let us know if you are not receiving our publication in the format you prefer.

I invite each of you to visit us on campus and find out more about the work we are doing. If you have questions for us, please do not hesitate to let us know.

Best wishes for the coming year,
Virginia Clark Johnson, Dean

College of Human Development and Education
701-231-8212 • virginia.clark@ndsu.edu

Connect with us online!

Go to www.ndsu.edu/hde/alumni_friends, our online source for alumni. It’s as easy as 1 2 3.

1
Share your success stories and let us know about career changes, advancements, awards and unique opportunities. We love hearing from alumni. While you are at it, update your contact information.

2
Check out our scholarship information. Scholarships are vital to student success. Thank you to all our scholarship donors.

3
Make a difference by donating. As a member of our college community, you can make a difference in the lives of students, faculty and staff. Remember to choose the College of Human Development and Education as your designation when you donate online.

Find the online version of this newsletter and other news from the College of Human Development and Education at www.ndsu.edu/hde/news_events. If you prefer to always read this newsletter online, please email NDSU.HDE.Magazine@ndsu.edu. Include your name and graduation year with the subject line – online magazine only.
Homecoming 2011 saw the first rollout of a new line of NDSU products incorporating a tartan design created by a student and chosen by more than 12,500 online voters to be the official NDSU tartan. The tartan design provides opportunities for an immersive learning environment for students who will continue to design new products each year in order to keep merchandise fresh and in fashion. Royalties from product sales will help the Department of Apparel, Design and Hospitality Management in the College of Human Development and Education fund student scholarships and faculty research.

Holly Bastow-Shoop, head of the apparel, design and hospitality management department, brought the idea to NDSU in order to take advantage of the numerous branding and educational opportunities a project of this nature could offer students and NDSU. All students in apparel, design and hospitality management had opportunity to submit a tartan to the contest held last winter. Now the students majoring in apparel, retail merchandising and design as well as the interior design majors will design products using the official NDSU tartan. Manufacturers are being found to produce selected products for retail sales. Interior design students also will be developing concepts to display the products for sale, and hospitality students will plan events to unveil the products to students, alumni and fans.

Seventy-six students who either were majoring or minoring in one of the programs in apparel, design and hospitality management submitted original tartans to the contest. The faculty tartan committee selected the top 10 best designs, and these were narrowed down to three by a committee including President Dean L. Bresciani and representatives from several sectors of the university to ensure that faculty, staff, students and alumni were represented.

“This is a great project for NDSU students,” Bresciani said. “The additional educational benefits for the College of Human Development and Education are another example of our student-focused mission.”
Tartan products available this year include:

- T-shirt
- Scarf (lambswool or silk)
- Porcelain and gold ornament
- Tie (silk or polyester)
- Throw (lambswool)
- Driving cap
- Tam
- Tote bag
- Wristlet
- Note cards

Custom-made items that will be available include:

- Skirts
- Sport coats
- Trousers
- Vests

Gene Taylor, athletic director, was also a judge on the committee and enjoyed learning about the history of tartans. “I think it will work great in terms of products and consumer goods,” he said. “There are all kinds of fun items we can create for our fan base.”

Three designs were displayed online for voting. Kelly Nelson, a junior in apparel, retail merchandising and design, received first place for her design. A native of Bismarck, N.D., she used the NDSU school song, “The Yellow and The Green,” as well as the colors of her home state as inspiration.

“I was inspired by the landscape of North Dakota and did my best to make them part of my design,” Nelson said. “When I think of North Dakota, I think simple and traditional, and this is exactly what NDSU’s tartan needed to be.”

Bastow-Shoop said the design stood out for her with the innovative use of NDSU’s colors in a fashion that people will wear.

“Some of the tartans that were turned in were wonderful, but they didn’t have the flexibility,” she said. “This is clear and crisp. This works well for what we’re trying to do in the clarity and cleanliness of it.”

Apparel and textile students surveyed 500 students to help determine the best products for the first year of incorporating the tartan design. The products will be sold at the NDSU Bookstore as well as at Straus Clothing in Fargo. John Stern, owner of Straus Clothing, said products will include scarves, a stadium blanket, a wool blanket, a cap, a necktie and a cummerbund.

“We are always open to supporting NDSU,” Stern said. “It’s just something fun, something to talk about to bring people into the store and get people excited.”

The design is federally copyrighted and verified for originality by the Tartan Registry in Edinburgh, Scotland, a division of the Scottish government. NDSU owns the tartan design.
Grants fund projects that benefit North Dakota

College of Human Development and Education faculty members brought in more than $4.4 million in grants and contracts for 2010-2011. Here are three examples showing how grant funding benefits North Dakota.

**Teacher effectiveness initiative**

A project is now in place to fundamentally change the way teachers are prepared for the classroom. The NDSU College of Human Development and Education is taking part in the “Teacher Effectiveness Initiative,” which is funded with a $5 million grant from the Bush Foundation. Designed to improve and reconfigure teacher preparation programs, NDSU is partnering with Valley City State University and Minnesota State University Moorhead in the local effort.

Since the grant was announced in December 2009, much has been accomplished. A core governing body for the Valley Partnership of the Network for Excellence in Teaching has been established with representatives from the three universities and local public schools. A recruitment video (available at teachers2be.org) encourages young people, career changers and college students to consider a career in education. Course work at NDSU has been revised, with each class including a field experience so students can learn by doing.

In addition, starting next spring, program graduates will be supported through an introduction program co-sponsored by districts and the university. The introduction program is being developed and will include such components as online academy, mentoring and virtual learning communities.

“All of our graduates will be leaving with a guarantee. If school administrators hire them and say things are not going well, NDSU will work with the district to fix it. We’re going to make sure the teacher has what he or she needs to be successful,” explained Stacy Duffield, project coordinator and associate professor and program coordinator for teacher education in the School of Education. “We are ready to work with that teacher, whether it be through a class, mentoring or one-on-one support from a faculty member. We will be there to support them.”

In an effort to recruit talented candidates into teacher education, a scholarship program has been established to encourage students already majoring in a teachable field to earn a double major, both in the field and education. The first two recipients are Katie Field, a student in English education, and Christine Wanner, a student in agriculture education. “We’re going to keep offering scholarships. Our goal is grow this, and encourage people to give teaching a try,” Duffield said.

The project is critical because the Bush Foundation expects about 40 percent of the teachers in the tri-state region to leave or retire by 2020. The 14 participating Bush Grant institutions hope to prepare 25,000 new teachers to fill this need.

“The focus on the teacher’s impact on student learning during both the initial teacher preparation phase and into the initial years of teaching is a significant change from traditional teacher preparation programs,” said William Martin, professor and head of the School of Education. “We are very excited about the opportunity to work with our university and school partners to transform our teacher education programs over the next decade.”

NDSU also has used grant funds to construct a new technology-enhanced classroom in the Family Life Center, room 212. “We have our methodology classes there, so all the students’ activities are infused with technology,” said Duffield.

The Teacher Effectiveness Initiative strives to recruit talented candidates for teacher education and to give young teachers the tools and support they need to be successful even after they graduate.
Duffield, noting the room is equipped with interactive boards and remote tablets. “The seating is very mobile, and students can move around to do group work or have flexible classroom arrangements.”

Duffield asks NDSU alumni in education to consider being a mentor for new graduates, and to offer suggestions about how students can be better teachers from their first day on the job. “This is a total re-visioning of our teacher education program, and we want everybody to be part of it,” she said. “We are very excited about what is happening.”

**Helping infants learn**

Rebecca Woods, assistant professor of human development and family science, received a $179,000 ARRA National Institute of Health grant through NDSU’s Center for Visual and Cognitive Neuroscience. The grant, awarded in September 2010, is for a study called “Infants’ use of visual information in object individuation.”

Woods and her research team of NDSU undergraduate and graduate students study how infants ages four months to one year process objects they see. To find infants for testing, they use public information and an agency to learn the names of new parents in the community. They call and write to parents, inviting them to participate in the study.

Woods’ research reveals an infant’s ability to reason improves when parents help the infant manipulate objects during major developmental transitions.

Her research shows an infant will stop paying attention to shape if they see a play dough shape and then the shape is deformed. The next step is to determine how long before the infant pays attention to the shape again.

The goal is to find out how to adjust the environment to help babies with visual deficits learn. Since September 2010, more than 400 infants have been tested.

**Eating for your eyes**

NDSU and the North Dakota Optometric Association received a $10,000 Healthy Vision Community Award from the National Eye Institute, which is part of the National Institutes of Health. The grant is for eye-health education in North Dakota.

Project directors are Sherri Stastny, assistant professor in nutrition, and Nancy Kopp, executive director of the North Dakota Optometric Association, in collaboration with Julie Garden-Robinson, associate professor in nutrition and NDSU Extension Service specialist.

The North Dakota project is called “Eating for your eyes II: Diabetic retinopathy.” The goal of the project is to increase awareness and knowledge about diabetes and diabetic retinopathy and how to prevent both conditions.

Diabetic retinopathy is the leading cause of blindness in U.S. adults 18 years and older and contributes to many new cases of blindness in North Dakota. High blood pressure, uncontrolled blood sugar and unhealthy cholesterol levels can damage blood vessels in the retina leading to vision problems. Symptoms are difficult to detect, making an annual eye exam critical for prevention.

In 2007, about 6 percent of North Dakota adults were diagnosed with diabetes. Many do not have the recommended annual eye exam.

The project targets older adults and American Indians, groups that are at high risk for diabetes. The grant pays for brochures, questionnaires, and some travel. The grant also helps fund an eye exam postcard that serves as communication between the eye care professional and primary care physician.
Students learn through community service

Service learning combines several of NDSU’s main missions. By completing hours of volunteer work in their courses or for credit, students are engaged in an immersive learning environment with current practitioners in their fields. Nearly 350 students in the College of Human Development and Education completed more than 29,000 hours of service in the 2010-2011 academic year.

Nancy Kaler, senior lecturer of human development and family science, earned the first NDSU Service Learning Award this year. The award was established to recognize a faculty member who exhibits “exemplary dedication to student learning” through community service with meaningful reflection. Kaler provides students opportunities through course work, field experiences and student organizations to have a positive impact on the surrounding community.

Students in human development and family science are required to complete 328 hours of service in order to graduate, and Kaler matches many of them to non-profit groups.

“The idea is to apply what they learned in the classroom to a professional setting,” Kaler said. “It helps them to decide what career path to follow.”

The service also gives students a leg up in the job market. Kaler said her main hope for each student is to get a good letter of recommendation. Each semester at least one student is hired by the organization where they volunteer.

While most students complete their service in the immediate area, some have volunteered at sites in New York, Florida, France and Japan. They work for agencies such as the Alzheimer’s Association, Big Brother, Big Sister, NDSU Extension and others.

Students write about their experiences on blogs, and Kaler hopes students learn what their classmates are doing and are exposed to more career ideas. They also keep journals for evaluation by Kaler. Service learning gives back to the community, Kaler said.

“I’m really proud of how students are doing in the community,” she said.

In addition to the required field experience hours, classes may have service learning projects built into the curriculum. For example, in the course, “Aesthetics and Visual Analysis of Apparel Products,” senior lecturer Sara Sunderlin's students spend several hours at Clothing and Connections, a nonprofit that helps unemployed people find the right look for job interviews and office life. The challenge for the students comes from finding proper outfits from the limited selection in the client’s size.

“I think it reinforces what we teach in the classroom,” Sunderlin said. “They learn so much from having to interact with people outside their college bubble.”

Left to right: NDSU President Dean L. Bresciani; Margaret Fitzgerald, who nominated Kaler; Kaler; Virginia Clark Johnson, dean of the College of Human Development and Education; and John S. Wold, chair of the Development Foundation Grants and Awards Committee.
4-H Club members reach out to military youth

Military youth in North Dakota have a terrific place to turn for support and friendship. NDSU’s Center for 4-H Youth Development is lending a helping hand through the coordination of such programs as Military 4-H Clubs and Operation: Military Kids.

“We’ve got military kids sprinkled in regions across North Dakota who could be impacted by deployments. We try to be there and have a support system in place that is community-based to better aid military families,” explained Brad Cogdill, chair of the Center for 4-H Youth Development. “We take a solid approach to positive youth development; we want young people to grow up, learn and mature in meaningful ways.”

The center, working with a team of community partners, provides programming for military youth ages five to 19 before, during and after family members are deployed. Through activities like resident and day camps, robotics, outdoor skills and filmmaking, the youth can connect and share with others.

Stacy Wendt knows how important the work can be. Her father was a 20-year veteran of the South Dakota National Guard, and she participated in that state’s program as a high school student in Brookings. As a spring graduate of NDSU, she was a summer staff member for the North Dakota program working with day camps and other activities. She is now a 4-H army youth development specialist. Her job is to support and evaluate army youth programs around the country and to assist army garrisons and installations all over the world with their youth programs.

“The young people gain the awareness that they are not alone,” Wendt said. “They meet other military kids and get the general idea that other kids have gone through a deployment, too. It’s the reassurance of knowing other kids and families survive deployments, so they know they can get through the one they are expecting.”

In 2009, Operation: Military Kids impacted the lives of 225 North Dakota military youth. The state program, which began in 2008, uses several structured components to reach out to youth. “Ready, Set, Go!” heightens the awareness among community leaders and youth about the impact of a deployment. “Speak Out for Military Kids” allows military youth to create their story using a variety of media. The Mobile Technology Lab provides the youth a chance to stay in touch with their deployed family member through computers and video cameras. Youth of deployed service members also receive a Hero Pack.

In addition, there are Military 4-H Clubs at Minot Air Force Base and Grand Forks Air Force Base.

“All our programming is educational based, so that’s a natural piece,” Cogdill said. “We make sure the element of fun is there, and we connect the young person with caring adults and other kids who share similar interests. The program gives opportunities to be independent and develop in ways that are positive.”

And through the experience, Wendt hopes the youth learn how to become resilient.

“They are some of the best kids I’ve had a chance to work with. They seem more mature and have a broader idea of the world,” Wendt said. “As military families, they realize they share their service member with a bigger cause than themselves.”

The national military 4-H programs began in 1995 as a partnership with the U.S. Army Child and Youth Services, Air Force Family Member Programs and U.S. Navy. Community programs to support National Guard, Reserve and accessions Command families also have been added more recently.
Yeong Rhee, associate professor nutrition, traveled to Hangzhou, China, in May. She presented her research, “The relationship between body composition and risk factors for chronic disease,” at the Ninth International Symposium on In Vivo Body Composition Studies.

Gary Liguori, associate professor of exercise science, was the guest speaker at the Japanese Fitness Association in Tokyo, October 2010 and October 2011.

Kristen Benson, assistant professor of human development and family science, traveled The Netherlands in October 2010 as a dissertation committee member of an American-European collaborative Social Science Ph.D. program between the Taos Institute in New Hampshire and Tilburg University.


Myron Eighmy, professor of education, and Tom Hall, assistant professor of education, presented their refereed paper, “The Role of Extension Service in the United States Regarding Rural/Frontier Disaster Mitigation and Response,” at the Summit 2011 Conference, “Rural Futures Matter: Ideas and Actions for a Sustainable Australia,” at Flinders University in Adelaide, Australia, in September 2011. This paper will be published in the Education in Rural Australia journal.

Bryan Christensen, associate professor of exercise science, presented two papers at the International Society of Biomechanics in Sports conference held in Porto, Portugal, in June 2011. The presentations were titled “Examination of Acute Whole-Body Vibration on Maximal Vertical Jump Height in Collegiate Volleyball Athletes” and “A Comparison of Vertical Jump Displacements Between A Vertec and A Forceplate.”

Kevin Miller, assistant professor in athletic training, traveled to Australia to collaborate with colleagues from the University of New England in Armidale. The study will examine the effects of varying meal frequency on blood glucose and insulin in patients with Type 2 diabetes.

Holly Bastow-Shoop, head of apparel, design and hospitality management, and Virginia Clark Johnson, dean of the College of Human Development and Education, traveled to Costa Rica in March 2011 to identify opportunities for students in hospitality management and sports and recreation management. A study tour will be offered to students where interior design students will redesign a restaurant area and hospitality tourism students will learn about the operation of an international five-star, boutique hotel.

Jaeha Lee, assistant professor of apparel, presented the study, “College Students’ Understanding of Social Responsibility in the Fashion Industry,” at the International Textile and Apparel Association Conference in Montreal, Canada, in October 2010. Lee received the Educators for Socially Responsible Apparel Business Award at this conference. Holly E. Bastow-Shoop received the 2010 International Textile and Apparel Fellow Award. This is the highest Award offered by the association and is given to an active member ITAA honors for exceptional service in and significant contributions to the field of textiles and clothing.

Rebecca Woods, assistant professor of human development and family science, presented at the Society for Research in Child Development biennial conference in Montreal, Canada. Her lab manager, student Kristin Johnson, presented research collected for her psychology
Students use their education to help people in Cameroon

Stephanie Bechtle and Lauren Reed, both seniors majoring in dietetics, spent June 2011 sharing their nutrition knowledge with the people of Cameroon, Africa.

“This was our last summer [as students], and we figured we should do something worthwhile using our education,” said Bechtle, president of NDSU’s Student Dietetic Association.

Bechtle, Wishek, N.D., and Reed, Jamestown, N.D., applied their skills at a hospital in Cameroon that was built by the conference their hometown churches belong to. They funded the trip by writing letters to friends and family asking for support.

Before the trip, the hospital identified HIV nutrition, diabetes education and prenatal nutrition as key topics. Bechtle and Reed used the American Dietetic Association online evidence-based library to research these health issues. Their NDSU professors also served as resources, they said.

Bechtle and Reed led two days of Nutrition Bible School, which was attended by 40 children. They helped the children memorize Bible verses, sang songs, played games and taught nutrition points.

They also gave a nutrition presentation to 75 medical staff members, including doctors, nurses and medical students. Their presentation addressed diabetes, heart disease, malnutrition, prenatal and infant nutrition, anemia and HIV.

Bechtle and Reed wrote materials for the hospital and updated patient handouts. They also wrote a request to the Cameroon health board asking for different multivitamins, since the ones the hospital received lacked several nutrients.


Greg Sanders, associate dean of the College of Human Development and Education; Holly Bastow-Shoop, Gary Liguori, Florin Salajan and Lisa Nordick, assistant dean and director of Distance and Continuing Education, traveled to Cluj Transylvania, Romania, in October 2011. They visited Babes-Bolyai Universitatea to discuss collaborative faculty research, faculty exchanges, student exchanges and study tours.

Anita Welch, assistant professor in teacher education, presented “A Cross-Cultural Validation of the Technology-Rich Outcomes-Focused Learning Environment Inventory” at the October 2011 International Conference on Education and Educational Psychology in Istanbul, Turkey. Co-authors were Mustafa Cakir from Marmara University, Istanbul, Turkey, and Claudette Peterson and Chris Ray, both assistant professors in the School of Education. A two-credit summer course in Istanbul is scheduled for May 20-June 2. Students will learn about Turkish history, culture and education through exploration of the city and interactions with local faculty and students during classroom observations.

Anita Welch, associate professor of human development and family science, presented research on intergenerational linkages between young adult and grandparent gambling. Randall attended the Society for Research on Adolescence Executive Council retreat in Vancouver, Canada, in November.
The College of Human Development and Education recently introduced four new academic programs, including a doctorate in developmental science, an advanced master’s degree in athletic training, a five-year athletic training degree and a bachelor’s degree in social work, offered jointly with Minot State University.

**Developmental science doctorate**

This fall, developmental science became the first doctoral program to be offered by the Department of Human Development and Family Science. Developmental science is an emerging, interdisciplinary field that studies human development across the lifespan in various family, social and cultural contexts.

“This program represents an advancement for our department,” said Joel Hektner, associate professor of human development and family science. “We’ve never had a Ph.D. program before, and we have the caliber of faculty now and critical mass to be able to offer it.”

The NDSU program provides the only developmental science doctoral program offered in the upper Midwest, according to Hektner, and one of only nine programs offered in the United States. However, this is the direction the field of human development is headed.

“I think there’s a growing recognition that we need to study both the contexts surrounding the individual, which includes the micro context or family, as well as larger societal contexts like community. But at the same time, we can’t ignore biology, neuroscience, hormones, genetics and cognitive developmental processes,” Hektner said. “That’s why it’s important for us to be able to offer developmental science. It brings all of that together into one place in one degree program.”

**Advanced athletic training master’s degree**

NDSU launched the region’s first post-professional athletic training degree, a master of science in advanced athletic training, in fall 2010. The two-year program involves research and application of the latest theories and techniques, emphasizing research theory, clinical practice and professionalism.

The advanced degree is the next step for athletic trainers who already have earned their certification. It builds on NDSU’s master of athletic training program, which is an entry-level degree that prepares students to take the national certification exam.

According to Pamela Hansen, program director for athletic training, offering a higher level of specialization is a way to strengthen the field. “Oftentimes athletic training can be a stepping stone into another healthcare profession. But with the advanced degree, it’s really exciting to produce quality athletic trainers who are going to stay in the profession,” she said.
Fargo-Moorhead provides numerous hands-on clinical experience opportunities in multiple settings including high schools; division I, II and III universities; and research-focused healthcare provider, Sanford. “We are providing a variety of experiences for these students,” Hansen said. “We make sure they are getting clinical experience as a practitioner, along with the degree.”

Graduate students also are immersed in research and have their choice among numerous topics, ranging from how to induce muscle cramping to how athletic training students learn.

Hansen hopes students will choose to stay in the area after they complete the advanced degree. “That’s going to help us have more experienced, knowledgeable, research-based practitioners who are working with the athletes and active people in the area,” she said. “We’re producing a very qualified professional.”

**Five-year athletic training degree**

Students now have the opportunity to earn an athletic training degree in five years rather than six years. The new program combines an undergraduate degree in exercise science and a graduate degree in athletic training, totaling five years of requirements.

“Athletic training education has changed during the past few years,” said Pamela Hansen, program director for athletic training. “NDSU is one of six schools in the country to offer only athletic training graduate education. Adding the five-year program keeps us on the cutting edge.”

**Social work bachelor’s degree**

NDSU students can now pursue a degree in social work thanks to collaboration with Minot State University.

Through a combination of face-to-face and Interactive Video Network courses, students will earn two degrees simultaneously – a bachelor’s degree in human development and family science from NDSU and a bachelor’s degree in social work from Minot State University. The program requires 133 credits and can be completed in four years, with some classes taken during summer school. NDSU students can complete all the classes on NDSU’s campus.

Students who majored in family science could work at jobs in which a social work license was not required, according to Jim Deal, head of the human development and family science department. But more positions, pay and advancement opportunities are available to licensed social workers. “We were looking for a way to provide that experience for our students and see if there was any way we could do it.”

The collaborative delivery is an efficient solution. With both NDSU and Minot State University in the North Dakota University System, registering for classes, paying tuition and accessing library resources are convenient for students.

“There is a shortage of social workers, especially in rural areas. That need is projected to increase in the next decade as baby boomers retire and as the need for services continues to grow. We hope to help fill that need by training students from this region who will choose to live and work here after graduation.”

– Deb DeWitz, LICSW
Sports and Recreation Leadership majors intern for Minnesota Twins

NDSU senior Cory Johnson learned the importance of details during his internship with the Minnesota Twins March-November 2011.

“If you miss a small detail, it will not only throw you off, it will affect the 40,000 people watching as well,” said Johnson, a sports and recreation leadership major from Cambridge, Minn. He worked on sponsorships and game-day promotions and contests for the Twins.

Hillary Tyler, a 2010 sports and recreation leadership and communication graduate from Bismarck, N.D., also worked as a Twins intern in 2011. She assisted with coordination of pre-game activities on the field such as ceremonial first pitches, presentations, recognition ceremonies and special events. Her other duties included facilitating contests and sponsorship-related activities and helping write scripts for the public address announcer and game hosts.

“Communication is key,” Tyler said. “There are a lot of moving parts when working in a sporting environment, and you have to be able to communicate openly and effectively in order to get everything accomplished.”

Johnson and Tyler applied for their internships in August and October 2010, respectively. Johnson, who made the Twins internship a goal early in his academic career, spent three years building his resume. Before joining the Twins, he worked as a game day operations intern for the Sioux Falls Fighting Pheasants and as a marketing intern for Bison Athletics.

During his internship, Johnson learned the importance of impeccable professionalism, to adapt to unexpected circumstances, to make decisions quickly and independently and to be less fearful of making mistakes. “Everyone is human and having the ability to admit that you made a mistake will look very professional to your employer,” he said.

One of the best parts of Tyler’s internship was choosing participants, especially children, for contests during games. “Their eyes would light up with excitement when we told them they would get to be on the field or on the video screens,” she said. “It was a great feeling knowing you made their experience at the game that much more special.” Johnson and Tyler also worked with NDSU President Dean L. Bresciani when he threw the first pitch before a Twins versus Baltimore Orioles game in August 2011.
America’s education system is in a time of transformation with the eventual outcome yet to be determined. That observation comes from Peg Portscheller, the 2011 Distinguished Alumna from the College of Human Development and Education.

Peg Portscheller, MS ’81, education administration, knows her subject like few others. She is president of Portscheller & Associates: Pathways to Results, an education consulting firm that provides services such as training, mentoring and performance coaching for K-12 educators and school systems across the country.

Her impressive career includes being chief learning officer for the Leadership and Learning Center, a nationally recognized education consulting and publishing firm based in Denver and Boston. She also was a 15-year board member of Mid-continent Research for Education and Learning, served as executive director for the Colorado Association of School Executives and was the executive in residence at Adams State College in Colorado.

“In my 40 years in this profession, I’ve never seen the educational arena as politicized as it is today. You have political leaders on both the right and the left who want to drive the agenda. We are in the throes of lots of change,” said Portscheller, who offered this advice to educators and students entering the field. “If you are not comfortable with change, ambiguity and a lot of competition for a few jobs, you need to get your head and heart around that. Where the profession is going is open to debate.”

Portscheller came to campus April 27 to meet with President Dean L. Bresciani, talk with students and be acknowledged during an award luncheon. During her visit, she evaluated the education structure in the United States and discussed what graduating NDSU students can expect as they enter the workplace.

“The economic challenges facing the country will cause students to face some challenges the rest of us did not. They must realize that and place themselves within those challenges in such a way to allow their training and gifts to shine,” Portscheller said. “Employers expect them to be a part of the solution and not part of the problem. The ability to think creatively and critically is at a premium. We really need people who think outside the box so we can do business in a more creative, innovative way.”

Portscheller suggests retooling the K-12 school system is not only important – it is critical. Because, she said, the nation is seeing students with greater and more diverse needs than ever before.

“The world we are preparing kids for is so rapidly changing, we can’t keep educating kids for 1960, 1980 or 2000. We have to prepare them for 2015, 2020 and beyond,” she said. “The challenge is how do we do that with the existing time and shrinking resources?”

One area Portscheller emphasizes is what she calls “the untapped potential of technology as a tool for learners.” She said technology can be used to tailor and customize curriculum for individual students, which is important because children have different interests, experiences and parental support.

“Kids don’t learn in the same way at the same rate on the same date,” Portscheller said. “What should our schools look like in 2011? What should they provide? I think we are beyond reforming schools; we need to be transforming schools.”

Portscheller’s varied career has allowed her to see the education system from many diverse perspectives. Last year, she was keynote speaker for the Minnesota School Superintendents Association conference. She soon will be at Ft. Totten, N.D., to discuss school improvement with teachers and administrators. She was involved with conflict mediation in Laramie, Wyo., and she recently worked with high school teachers in the Los Angeles Unified School District.

“I’ve had the privilege to do a variety of things in my 40-year journey in education,” Portscheller said. “My work is really about service – it’s listening to a client’s story. My job is to hold up the mirror and help them accomplish goals as they have defined them. I have to say, it is just great fun.”

Portscheller lives in Aurora, Colo.
NDSU’s strongman researches physical activity, sedentary behavior patterns

John Schuna was the kid who went to college because he liked sports. “Looking back, I wouldn’t have gone to college if it wasn’t for athletics,” said Schuna, a third-year student in the Human Development and Wellness Ph.D. Program. He was good at math and science, but had little interest in those disciplines.

His passion for athletics, however, led him to excel intellectually and physically, pursuing the highest academic degree and winning a national strongman title.

Schuna, the 2008 North American Strongman Amateur National Champion in the lightweight division, describes strongman as one of three main strength sports, the other two being weightlifting and powerlifting. “Strongman will mix elements from weightlifting and powerlifting, but also includes carnival and circus type events like bar bending and stone lifting,” he said.

He started his training after coming to NDSU and meeting a group of strongmen in Fargo. “I was familiar with strongman and was always interested in trying it but never had the right environment before coming here,” he said. His track and field experience as a shot putter and discus thrower leant itself well to strongman contests, which involve unusual lifts and movements.

His favorite strongman events are Atlas stones and the yoke. Atlas stones involves lifting a series of spherical stones weighing 250-450 pounds to platforms ranging from 4 feet to 6 feet in height. The yoke involves walking with an apparatus that suspends weights across the competitors’ backs. They then walk a set distance while attempting to finish as quickly as possible. Yokes used in competitions typically weigh 650-800 pounds or more.

Schuna competed as a professional strongman for one year in 2009 before retiring. He continues to train, however. “Once I started my Ph.D. work, I couldn’t devote enough time to training to be as competitive as I wanted to,” he said. “I may go back to competing and get my pro card back sometime in the future.”

For now, his research on physical activity and sedentary behavior patterns is his main focus. He has been selected out of more than 400 preliminary applicants to submit a full application for a $135,000 postdoctoral fellowship. His proposal is to work with preschoolers on neophobia to food and physical activity. He also has been selected to interview for a postdoctoral position at the prestigious Stanford University Prevention Research Center.
New faculty

- **James Korcska**
  Associate professor of education
  
  Education: doctorate in counseling and human development services at Kent State University, Kent, Ohio
  
  Previous experience: associate professor of counseling and program coordinator at University of South Dakota, Vermillion

- **Elizabeth Hilliard**
  Assistant professor of practice in health, nutrition and exercise sciences
  
  Education: master of science in nutrition from East Carolina University, Greenville, N.C.
  
  Previous experience: nutritionist at Morganton/Hickory Children's Developmental Services Agency in Conover, N.C.; nutritionist at Catawba County Health Department in Hickory, N.C.

- **Eunice Kapplinger**
  Associate professor of practice in apparel, design and hospitality management
  
  Education: master of science in interior design at Minnesota State University Mankato
  
  Previous experience: project manager and interior designer for R.L. Engebretson and BlueStone Interior Design; assistant professor at NDSU.

- **Bradley Bowen**
  Assistant professor in teacher education, and construction management and engineering
  
  Education: doctorate from North Carolina State University
  
  Previous experience: High school technology teacher and project manager for a structural steel fabrication company

- **Nicole German**
  Assistant professor of practice in health, nutrition and exercise sciences
  
  Education: doctorate from North Dakota State University
  
  Previous experience: associate director of sports medicine for NDSU Athletics

- **Jooyeon Ha**
  Assistant professor of apparel, design and hospitality management
  
  Education: doctorate from Purdue University
  
  Previous experience: graduate instructor for restaurant management course at Purdue, food service manager for Hyundai Food Service Company, Korea

- **Gloria Stafford**
  Assistant professor of practice in apparel, design and hospitality management
  
  Education: master’s from Savannah College of Art and Design and certified interior designer
  
  Previous experience: owner of Designworks, an interior design form; interior designer for RSP Architects, Minneapolis; store designer for Target
College displays leadership beyond NDSU

Faculty in the College of Human Development and Education take pride in their work. Many have become leaders in their fields through various organizations. What follows is a partial list of faculty members and the leadership positions they hold.

Julie Garden-Robinson is chair-elect of the Food and Nutrition Extension Education Division of the Society for Nutrition Education. SNE is an international community of professionals actively involved in nutrition education and health promotion. This division offers nutrition educators in the Cooperative Extension system the opportunity to share programming and research ideas, resources and visions of the future. The members include Extension professionals at the local, state and national levels in the United States and Canada. The division presents a workshop at SNE’s annual conference that offers an opportunity to network with colleagues to improve program development, implementation and evaluation skills. Division members support, encourage and assist new Extension professionals through a mentoring program.

Mari Borr is treasurer for the National Association of Teacher Educators for Family and Consumer Sciences. NATEFACS is a national organization of teacher educators whose purposes are to: improve and strengthen teacher education in family and consumer sciences, establish and improve standards of research in family and consumer sciences teacher education, sponsor and otherwise support professional discussion in family and consumer sciences teacher education. The organization also encourages and promotes a sufficiently full and fair discussion of the pertinent facts involving concerns and legislation affecting family and consumer sciences teacher education and the improvement of home and family life, and promotes liaison and other cooperative professional activity among members and others having related concerns, especially other Affiliates of the ACTE Family and Consumer Sciences Division.

Sherri Stastny is the media spokesperson for the eastern portion of North Dakota for the North Dakota Dietetic Association. The North Dakota Dietetic Association is the advocate of the dietetic profession, serving the public through promotion of science-based recommendations for nutrition, health and well being. Look for their billboards in Fargo, Bismarck and Dickinson, “Eat Right with Color.”

Christine McGeorge is chair-elect for the family therapy section of the National Council on Family Relations. The National Council on Family Relations, founded in 1938, is the oldest, multi-disciplinary non-partisan professional organization focused solely on family research, practice and education. NCFR is comprised of more than 3,400 members from more than 35 countries and all 50 states. The Family Therapy Section unites members who share common interests, goals and purposes in couple and family therapy. The section improves the practice of couple and family therapy through the promotion of open dialogue between clinicians and researchers relative to couple and family therapy theories, research, practice and training: the integration of theory, research and practice; and effective, efficient and ethical practice methods.

Gary Liguori is chair of the American College of Sports Medicine Certification and Credentialing Review Board for the Health Fitness Specialist. This national committee is responsible for the ACSM HFS exam, which is one of the largest and most respected fitness certification exams in the U.S. The committee is responsible for a number of issues, including elucidating the HFS scope of practice, developing relevant job tasks, reviewing the HFS exam, creating exam study webinars and certification advocacy. Liguori is also senior editor of the ACSM Health Fitness Specialist textbook.

Amelia Asperin is the West-Midwest regional director for the Foodservice Systems Management Educational Council that is composed of foodservice and dietetic educators and practitioners committed to improving research, education and practice in foodservice management. The West-Midwest region includes CO, IA, KS, MO, NE, NM, ND, OK, SD, TX and WY. She is the only member in this group representing NDSU and only one of two members representing North Dakota.

Kristen Benson is student/new professional representative for the National Council on Family Relations Feminist Family Studies Section for 2012-2014. The National Council on Family Relations, founded in 1938, is the oldest, multi-disciplinary non-partisan professional organization focused solely on family research, practice and education. Sections promote NCFR’s mission and the common interests of NCFR members in specified areas of concern to families. The Feminism and Family Studies Section works to integrate feminist scholarship and perspectives into theory, research and applied work.
with families. As the SNP representative, Benson will serve on the Feminism and Family Studies Section Executive Committee.

Bradford Strand is president of the American Alliance for Health, Physical Education, Recreation and Dance. With origins dating back to 1885, the American Alliance is the largest organization of professionals supporting and assisting those involved in physical education, leisure, fitness, dance, health promotion and education, and all specialties related to achieving a healthy lifestyle. Strand is the first person from North Dakota to serve as president of this national association in its 125-year history.

Bryan Christensen is president-elect of the Northland Regional Chapter of the American College of Sports Medicine. The Northland Regional Chapter of the American College of Sports Medicine is a diverse group of professionals and students dedicated to the advancement of sports medicine and exercise science. The chapter seeks to communicate scientific information; provide stimulation and support for research; and foster relevant peer interaction and professional growth for students, faculty, clinicians and other practitioners located in Minnesota, Nebraska, North Dakota, South Dakota and parts of adjoining states and provinces. As president-elect, Christensen was responsible for planning the Fall 2011 conference. This year’s conference was held at NDSU.

Jacqueline Wayne Guite is on the Board of Directors and is social media chair for the Costume Society of America. The society, founded in 1973, advances global understanding of all aspects of dress and appearance, while stimulating scholarship and encouraging study in the rich and diverse field of costume.

Tom Carlson is president-elect of NDSU Faculty Senate. Faculty Senate is the university’s legislative body responsible for review and approval of policy with respect to the academic and Extension mission of NDSU.

Pam Hansen is a member of the national governing body of the Commission for Accreditation for Athletic Training Education. Hansen is one of five Board of Certification Certified Athletic Trainers on the commission.

Greg Sanders is chair of the Human Sciences Board for Great Plains IDEA and has been selected as one of their representatives to the Great Plains IDEA Cabinet. Great Plains IDEA is a consortium NDSU belongs to with other universities to offer online degrees.

Virginia Clark Johnson is secretary of the Great Plains IDEA Cabinet. She also is chair of the Women in the Deanship Special Study Group of the American Association of Colleges for Teacher Education.
Yeong Rhee, associate professor of health, nutrition and exercise sciences, received the College of Human Development and Education Outstanding Teacher Award, designed and chosen by the HD&E Leadership Council. All students in the college had the opportunity to nominate and submit forms online for the award.

Rhee has been teaching at NDSU for nine years and was surprised when she found out she earned the award. Some of the student comments included:

“Dr. Rhee is a gifted educator with outstanding knowledge in the field of dietetics. She puts her students first and makes our learning her top priority.”

“I feel she is THE BEST teacher in that entire college ... I am very sad that this is my last semester with her that I almost want to take classes after I graduate just so she can teach me some more.”

Rhee enjoys teaching one of the most difficult courses in the program and watching students move from nervous beginners to confident professionals during the span of three semesters. She credits her success in teaching to making sure each concept is fully understood before moving on to the next.

“I let them explain it to me to see if they understood it or not,” she said.

This is the first year of the award, and 106 nominations were received. The winner of the award becomes the college nomination to the university for the Odney Award for Teaching Excellence.
Career and Technical Education award

Mari Borr, assistant professor of family and consumer sciences teacher education, was recognized with the 2011 Outstanding North Dakota Career and Technical Educator Award.

North Dakota Career and Technical Education provides adults and students the technical skills and knowledge necessary to succeed in occupations and careers; cross-functional or workplace basics as well as skills for balancing family and work responsibilities; and the context in which traditional academic skills and a variety of more general goals can be enhanced.

Borr’s research includes delivery and analysis of math in career and technical education. She participated in development of curriculum standards, licensing standards, program evaluation and resource material. She was honored at the 41st Annual Professional Development Conference for North Dakota Career and Technical Education instructors and directors.

Great Plains IDEA Faculty Fellowship Award

Margaret Fitzgerald, associate professor of human development and family science, received the Great Plains Interactive Distance Education Alliance (IDEA) Faculty Fellowship Award for 2011. The award, created in 2010, recognizes faculty members who have made significant contributions to the success of Great Plains IDEA.

Great Plains IDEA was founded in 1994 using resources of 11 major research universities, including NDSU, to sponsor distance graduate programs in high-demand fields.

Fitzgerald served in the group that helped create the model and helped develop the first Great Plains IDEA program, family financial planning. She also helped develop the gerontology program. She continues to be an active faculty contributor and is the only Great Plains IDEA faculty member to participate in more than one academic program. She teaches and advises students in both.

Exceptional Contributions as an Emerging Researcher
WooMi Phillips, assistant professor of apparel, design and hospitality management

Exceptional Contributions to Professional Development
Brenda Hall, associate professor of education
Joel Hektner, associate professor of human development and family science

Exceptional Contributions through Creative Approaches to Teaching
Ann Ragan, lecturer of apparel, design and hospitality management

Exceptional Contributions to Service/Outreach
Sean Brotherson, associate professor of human development and family science

Exceptional Support for Instructional/Research/Service Activity
Carol Nelson, academic assistant in education
2011 Human Development and Education Highlights

Our mission is to provide educational programs and conduct research and other scholarly activities that focus on the lives of individuals and their families as they interact in work, educational and living environments.

Enrollment
The 2011-12 official enrollment for the College of Human Development and Education showed a slight decrease for undergraduates and an increase for graduate students. Total number of students is 1,728. Undergraduate enrollment is 1,389, and graduate enrollment is 339. The college has 106 doctoral students.

Student Success
- Students who took the ACSM Health Fitness Certification Exam had a 90 percent pass rate.
- Physical education majors had a pass rate of 85 percent on the Physical Best Certification Exam.
- Athletic training graduates had a pass rate of 100 percent on the National Board of Certification exam (the national rate was 49 percent).
- The NDSU counselor education score on the Counselor Preparation Comprehensive Examination (CPCE) was above the national mean.
- Teacher education students had a 100 percent pass rate on the Pre-Professional Skills Test (Praxis I). The Praxis II exam is required for program completion and teacher certification in North Dakota. Pass rates vary by teaching specialties. Students had a 100 percent in secondary English, history, mathematics, general science, chemistry, music and Spanish.
- Dietetics students in the didactic program had a 100 percent pass rate on the national registration exam to become registered dietitians and a 92 percent pass rate for the past five years.
- Dietetics students in the coordinated program had a pass rate of 86 percent with an average of 83 percent for the past five years (accreditation standards require an 80 percent pass rate).
- 450 of 1,389 undergraduate students were on the Dean's List for fall 2011.
- Joan Nagel, senior in dietetics, received the North Dakota Outstanding Dietetics Student Award.
- Christelle Dominique, apparel and textiles senior, was selected to join designers at the Atlanta International Fashion Week with her MeJeanne Couture line of clothes. This is considered Atlanta's biggest fashion event of the year.
- Lyn DeLorme, a doctoral student in education, was awarded a Bush leadership fellowship.
- Scott Allen, graduate student in the master of athletic training program, received the District V Mid America Athletic Trainers Association Tosa Medical Postgraduate Scholarship.
- Michael Bashford, senior in English education, was inducted into the NDSU Tapestry of Diverse Talents.
- 18 graduate students co-wrote journal articles with faculty and 18 co-presented 23 papers at national and international meetings. An additional 23 other publications were co-written by students.
- 375 students were awarded degrees. Of those, 13 earned doctoral degrees; 34 earned master's degrees; one earned a graduate certificate; and 328 earned bachelor's degrees.

4-H Youth
- Individual youth participating in 4-H youth programs reached 23,455.
- More than 2,700 volunteers assisted with 4-H youth programs.

Distance Education
- Each unit in the college offered online courses. The School of Education had extensive interactive video network graduate offerings and taught 38 IVN courses during the year. Collegewide, more than 245 online courses were offered.
- Six master's programs and one undergraduate program are offered completely online.

External Support
- The Center for Science and Math Education is a cooperative venture of our college and the College of Science and Mathematics. More than $1.5 million in grant funding through the center provides support to benefit teaching and teacher education, including the Robert Noyce Teacher Scholarship Program and the N.D. STEM initiative.
Publications and Presentations
- 39 faculty published 58 articles in refereed journals and 26 refereed abstracts/proceedings. 45 other items were published.
- 67 refereed presentations were made at international and national meetings. Faculty also gave 117 other presentations.
- Three books were published by faculty.

External Gifts Through Private Giving
- Cash gifts totaled $133,320, and endowed funds totaled $4,051,049. Members of the Dean’s Circle (donors who gave $250 or more) totaled 70 members.
- 141 scholarships/awards were given for 2011-12.

Teaching
- Average student evaluations of both courses and instructors are consistently high for college faculty. The overall averages for this past year were 4.31 for instructor and 4.20 for course.
- Faculty in the education doctoral program were selected to participate in the second phase of the Carnegie Project on the Education Doctorate, a national effort aimed at strengthening the education doctorate.
- The doctoral program in Developmental Science began in fall 2011.

Accreditation
- There are 12 accredited programs in the college, some with both national and state reviews.
- The Interior Design Program and the Hospitality and Tourism Program received full accreditation during the year.
- Exercise Science had a continuing accreditation site visit in the spring. The program received full accreditation through 2021.
- Successful five-year accreditation reviews were completed for the coordinated dietetics program and for the didactic program in dietetics.
- Materials used by interior design and couple and family therapy during their re-accreditation processes are being used as national models.

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<th>Application Received</th>
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<tr>
<td>Awarded</td>
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Outstanding Student wants to be a positive force for youth

Rebecca Huckeby has known she wanted to be in education for a long time. Her school experiences in Barnesville, Minn., were great, and she lists all her teachers as good role models and positive influences. She hopes to create that same positive influence for the next generation.

“Overall I just want to make a difference for adolescents,” she said. “It’s a hard time in life and I think if I could be a role model and build relationships with students, I would make a difference.”

Huckeby, a senior in family and consumer sciences education, was the 2011 Outstanding Student in the College of Human Development and Education. She enjoys the child development and parenting aspects of her field of study and wants to use her skills to help teens learn how to make good decisions.

“Family and consumer sciences is a good subject area to affect change,” she said. “I think young girls especially go through a hard time fitting in and feeling valued.”

At NDSU, Huckeby is involved with Campus Crusade for Christ, the American Association of Family and Consumer Sciences, the Human Development and Family Science Club and many other organizations in addition to volunteer work. Her most rewarding experience has come from being a resident assistant and helping other students acclimate to college life.

“One of my future goals is to be a high school counselor, so it was a good stepping stone for mentoring freshmen and building those relationships,” she said.

Huckeby hopes to continue her education to earn a master’s degree in school counseling before finding a position at a school anywhere between Fargo and Minneapolis.
2011-2012 scholarships and awards

A Hach Scientific Foundation Chemistry Teacher Scholarship
Nathaniel Grosz and Lukas Dykema

B BBN and MH Scholarship
Alexa Hanson and Barbara North

C Dean Charlotte Bennett Memorial Scholarship
John Stern and Nicole Pedeliski

D Shirley Stokke Anderson Dietetics Scholarship
Stephanie Bechtle and Shirley Anderson

E Board of Visitor’s Scholarship
Steven Pavek and Ruby Kolpack

F Erv and Margaret Kaiser Family Scholarship
Randy Elenberger and Amber Carlson

G Harriett Light Scholarship
Harriett Light and Katie Dahl

H Dietetics Alumni Scholarship
Sarah Uhlenbrauck and Andrew Churchill

I Virginia Clark Johnson and Rick Johnson Scholarship
Rick Johnson, Amanda Kneisl and Dean Virginia Clark Johnson

J Doris Mae Holzman Wischow Scholarship
Allissa Heinze, Abby Johnson, Shelby Novak and Jessie Quaglia

K Roger and Nancy Gress Family Scholarship
Roger Gress, Rilee Carufel and Nancy Gress

L Beverly Kurtz Slotten Scholarship
McKayla Artz and Bev Slotten

M Buck (Francis) and Honey (Dorothy) Isrow Family
Chelsea Anderson

N Viola Larson Jordheim Memorial Scholarship
Keri Hert
2011 scholarships and awards

**SCHOLARSHIPS**

**UNDERGRADUATE SCHOLARSHIPS**

**Outstanding Student Award Human Development and Education**
Rebecca Huckleby, Barnesville, Minn.

**D.B. and Edith Allen Scholarship**
Kimberly Braulick, Sleepy Eye, Minn.
Leah Haak, Valley City, N.D.

**American Society of Interior Designers Student Chapter**
Traci Christensen, Wishek, N.D.
Tinn Lee, Shoreview, Minn.

**Shirley Stokke Anderson Dietetics**
Stephanie Bechtle, Wishek, N.D.

**Alvin L. and Irene B. Arneson and Barbara Arneson Biefieldt Memorial Scholarship**
Emma Skumautz, Fridley, Minn.

**Alba Bales Scholarship**
Toni Hampton, Benson, Minn.

**Bancroft Dining Services Scholarship**
Bailey Benson, Steele, N.D.

**Grace E. Bayliss Gold Memorial Scholarship**
Abby Fenlason, Sartell, Minn.
Lauren Heideman, Moorhead, Minn.
Traci Christensen, Wishek, N.D.

**Dean Charlotte Bennett Memorial Scholarship**
Nicole Pedeliski, Belfield, N.D.

**Marion C. Benson Memorial Scholarship**
Katie Boer, Gillette, Wyo.

**Jessamine S. Burgum Memorial Scholarship**
Karen Freberg, Menomonie, Wis.
Megan Dix, Pierre, S.D.

**Katherine Burgum Outstanding Student Scholarship**
Allison Rubie, New Ulm, Minn.

**Cora Corwin and Charles and Betty Corwin Scholarship**
Steven Pavek, Hendricks, Minn.

**Susan J. Crockett Scholarship**
Sarah Uhlenbrauck, North St. Paul, Minn.

**Ruth Dawson Memorial Scholarship**
Abby Monson, West Fargo, N.D.

**Ernest L. DeAlton Memorial Scholarship**
Nicole Fideldy, Hebron, N.D.

**Lenora M. DeAlton Memorial Scholarship**
Nicole Fideldy, Hebron, N.D.

**Dietetics Alumni Scholarship**
Andrew Churchill, Dexter, Minn.
Sarah Uhlenbrauck, North St. Paul, Minn.

**Brenda J. Eid and Gerald D. Eid Endowed Scholarship**
Tinn Lee, Shoreview, Minn.

**ETs’ Fitness Scholarship**
Paige Larson, Rothsay, Minn.
Nathan Kleppe, Napoleon, N.D.

**Fargo-Moorhead Area Home Economists Award**
LaceyFramme, Rhame, N.D.

**Fargo-Moorhead Convention & Visitor’s Bureau Scholarship**
Teresa Werner, Mcllinsky, N.D.

**Fashion Apparel and Business Organization Award**
Ciera Holm, West Fargo, N.D.

**Christine Finlayson Memorial Undergraduate Scholarship**
Nicole Black, Minot, N.D.
Jade Pretzer, Minot, N.D.

**Food and Nutrition Dietetics Scholarship**
Kayla Bahtiraj, Fargo, N.D.

**Roger and Nancy Gress Family Scholarship**
Rilee Carufel, Farmington, Minn.

**ACS/Hach Land-Grant Scholarship**
Lukas Dykema, Raymond, Minn.
Nathanial Grosz, Mandan, N.D.

**Agnes M. Hansen Memorial Scholarship**
Bailey Benson, Steele, N.D.
Kelly Nelson, Bismarck, N.D.

**Lyal and RoAnn Hanson**
Eric Wilczek, Newport, Minn.

**Shirley (nee Waldron-Anderson) Hassebrock Memorial Scholarship**
Sue Sing Lim, Subang Jaya, Selangor, Malaysia

**Virginia L. Hassoun Memorial Scholarship**
Shelby Heimbuch, Cogswell, N.D.

**Beth E. and Rodney C. Hastings Scholarship**
Nicole Olson, Hawley, Minn.

**James and Sherry Heyer Family Scholarship**
Meghan Folkerts, Clara City, Minn.

**Janecek Scholarship Fund**
Traci Christensen, Wishek, N.D.

**Dr. John M. Jenkins Scholarship Fund**
Brianna Rindy, Fargo, N.D.

**Ida B. and Verlin K. Johnson Family Endowment**
Katie Koep, Fergus Falls, Minn.

**Virginia Clark Johnson and Rick Johnson Scholarship**
Amanda Kneisl, Bertha, Minn.

**Viola Larson Jordheim Memorial Scholarship**
Kerrie Hert, Forsyth, Mont.

**Erv and Margaret Kaiser Family Scholarship**
Amber Carlson, Finley, N.D.
Randy Elenberger, Moorhead, Minn.

**Arlene Kalk Memorial Scholarship**
Kean Nelson, Havana, N.D.

**Christine Kiloran Memorial Scholarship**
Rilee Carufel, Farmington, Minn.

**Jayme Lassle Memorial Scholarship**
Katie Fenna, Hillman, Minn.
Delinda Wagner, Moorhead, Minn.

**Dr. Evelyn Morrow Lebedeff Memorial Scholarship**
Heather Anderson, West Fargo, N.D.
Kayla Bahtiraj, Fargo, N.D.
Sara Kinzler, Fargo, N.D.
Casey Kjera, Fargo, N.D.
Megann McManus, Fargo, N.D.
Patricia Ode, Fargo, N.D.
Megan Piper, Durbin, N.D.
Brianna Schneider, Napoleon, N.D.

**Harriett Light Scholarship**
Katie Dahly, Bismarck, N.D.

**Majore Lovering Memorial Scholarship/ North Dakota Association of Family and Consumer Sciences**
Amanda Kneisl, Bertha, Minn.
Jocelyn Woodward, Bismarck, N.D.

**Helen Arneson Lunde and Virginia Arneson Pryne Endowed Memorial Scholarship**
Megan Tiede, Fergus Falls, Minn.

**Mel and Sharyl Maier Scholarship**
Jennifer Fritzel, Rugby, N.D.

**Vernon Markey Memorial Scholarship Fund**
Amy Gedrose, Washburn, N.D.

**Elsie Stark Martin Scholarship**
Amanda Crockett, Minot, N.D.
Nicole Eberle, Long Prairie, Minn.
SCHOLARSHIPS

2011 scholarships and awards

Melissa Fleck, Bowman, N.D.
Emily Flemming, Fargo, N.D.
Jessica Hotchkiss, Christine, N.D.
Kelly Nelson, Bismarck, N.D.

Leon and Nettie Mason Family Scholarship
Nerissa Hendrickson, Detroit Lakes, Minn.

Ella Hansen McCoy Endowed Scholarship
Ashley Young, Grand Forks, N.D.

North Dakota Interior Designers
Tinn Lee, Shoreview, Minn.

NDSU Outstanding Senior Dietetic Student Award
Stephanie Bechtle, Wishek, N.D.

Jeannine Knote Peterson Scholarship
Megan Piper, Durbin, N.D.

Roger and Elsie Pitsenbarger Scholarship
Sydney Becker, Bismarck, N.D.
Amanda Ellingson, Spicer, Minn.
Emily Harris, West Fargo, N.D.
Starla Helmer, Fargo, N.D.
Lora Larson, Park River, N.D.
Carly Lenihan, Bismarck, N.D.

Emily P. Reynolds Memorial Scholarship
Shelby Heimbuch, Cogswell, N.D.

Jennifer Bates Memorial Scholarship
Mary Burchill, Tower City, N.D.
Laura Clausen, Fargo, N.D.

Grace E. Bayliss Gold Graduate Memorial Scholarship
Emily Knilans, Circle Pines, Minn.

Fargo Moorhead Convention & Visitor’s Bureau Scholarship
Emily Nielsen, St. Paul, Minn.

Grace E. Bayliss Gold Memorial Scholarship
Christine Arntson, Rice, Minn.

Robert and Lillie Seidel Human Development and Education Scholarship
Jerrica Anheluk, Belfield, N.D.
Lacey Frank, Rham, N.D.

Sandy Shelton Memorial Scholarship
Jocelyn Woodward, Bismarck, N.D.

Garda Kylo Siversen Memorial Scholarship
Brianna Black, Littleton, Colo.

Keith Smette Memorial Scholarship
Ryan Pahl, Pequot Lakes, Minn.

John J., Charles, B., and Anne L. Stegner Scholarship
Kate Hilfre, Audubon, Minn.
Alyssa Huot, Grand Forks, N.D.
Samantha Jacobsen, Moorhead, Minn.

Frances Swenson Memorial Scholarship
Sara Kinzler, Fargo, N.D.
Casey Kjera, Fargo, N.D.
Grace Norton, Fargo, N.D.
Lauren Reed, Jamestown, N.D.

NDSU Tartan Award
Andrea Golen, Duluth, Minn.
Alissa Heinze, Hannaford, N.D.
Kelly Nelson, Bismarck, N.D.

Teacher Excellence Scholarship
Katie Field, Fargo, N.D.
Christine Wanner, Wishek, N.D.

Anna J. Thorfinnson Memorial Scholarship
Jerrica Anheluk, Belfield, N.D.

Ernie and Jo Erickson Wheeler Scholarship
Grace Norton, Fargo, N.D.

Mabell Whelan Memorial Scholarship
Christine Arntson, Rice, Minn.

Ruth Lavon Nye Williams Scholarship
Amber Carlson, Finley, N.D.
Janet Morken, Walcott, N.D.
Nicole Pedeliski, Belfield, N.D.

Doris Mae Holzman Wischow Scholarship
Alissa Heinze, Hannaford, N.D.
Abby Johnson, Glyndon, Minn.
Shelby Novak, Grand Forks, N.D.
Jessie Quaglia, Mandan, N.D.

Board of Visitor’s Graduate Annual Scholarship
Steven Pavek, Hendricks, Minn.

2010-2011 Graduate Research Award
John Schuna, Fargo, N.D.

2010-2011 Graduate Teaching Award
Meredith Wagner, Dickinson, N.D.

Buck (Francis) and Honey (Dorothy) Isrow Family Scholarship Graduate Student
Chelsea Anderson, Bellevue, Wash.

Dr. Evelyn Morrow Lebedeff and James Lebedeff Never Stop Learning Scholarship
John Schuna, Fargo, N.D.

Midwest Dairy Council Scholarship
Meredith Wagner, West Fargo, N.D.

Mavis Nymon Food and Nutrition Graduate Study Scholarship
Meredith Wagner, Dickinson, N.D.

INCOMING FRESHMEN

Grace E. Bayliss Gold Memorial Scholarship
Emily Knilans, Circle Pines, Minn.

Fargo Moorhead Convention & Visitor’s Bureau Scholarship
Emily Nielsen, St. Paul, Minn.

Alice Flaten Olson Scholarship
Eric Wilczek, Newport, Minn.

Ruth Lavon Nye Williams Scholarship
Amber Carlson, Finley, N.D.
Janet Morken, Walcott, N.D.
Nicole Pedeliski, Belfield, N.D.

Doris Mae Holzman Wischow Scholarship
Alissa Heinze, Hannaford, N.D.
Abby Johnson, Glyndon, Minn.
Shelby Novak, Grand Forks, N.D.
Jessie Quaglia, Mandan, N.D.

Jennifer Bates Memorial Scholarship
Mary Burchill, Tower City, N.D.
Laura Clausen, Fargo, N.D.

Grace E. Bayliss Gold Graduate Memorial Scholarship
Emily Haugen, New Richmond, Wis.

BBN and MH Scholarship
Alexa Hanson, Bemidji, Minn.

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This past fall in his State of the University address, NDSU President Dean L. Bresciani shared NDSU’s history of being underfunded and how that has put the university at “a financial precipice.” NDSU has balanced its budget, but funds are not available for many projects that need to be done on campus.

That’s why your contributions are critical for providing a quality education for students in the College of Human Development and Education. The college relies on alumni funding to update classrooms and to buy the state-of-the-art equipment students need to be competitive, well-trained professionals when they graduate.

Alumni donations, for example, covered the cost of hallway seating for students on the first, second and third floors of Emily Morrow Lebedeff Hall and of new chairs for the college conference room.

Alumni contributions continue to be an important source of funding.

**Family Life Center food production and service laboratory**

The dietetics and hospitality-tourism management programs need a new food production and service laboratory to maintain accreditation and to give students and faculty an appropriate environment for learning and teaching.

For more than 40 years, NDSU dining service facilities were used to provide these experiences for students. Renovations to the West Dining Service facilities eliminated the option of continuing to use this space. As a result, the programs are using a classroom as a dining room in the Family Life Center. The location, near the center of campus, is much better, but the space needs a great deal of work.

"Research shows that the dining service scape is greatly influenced by environmental lighting, furnishings, flooring, acoustics and other key aspects of the room's atmosphere,” said Sherri Stastny, assistant professor in nutrition and member of the laboratory design team. “Students and guests have commented on the mismatched tables and chairs, awkward table configuration, bad acoustics and unsuitable lighting.”

During a 2010 national accreditation site visit for hospitality tourism management, the evaluators said the dining service and distribution systems were unacceptable. "Accreditation was granted with the expectation that this will be improved in the near future,” said Amelia Estepa Asperin, assistant professor in hospitality management.

The design team, which includes Stastny, Asperin and interior designer and lecturer Ann Marie Ragan, has a vision for turning the room into a state-of-the-art teaching laboratory. It will include food service-grade dining tables and chairs, dimmable lighting, an acoustically-sound and aesthetically-pleasing ceiling and appealing, professional décor. The team expects the new dining laboratory will draw students to the program, improve the learning experience and student engagement and help meet accreditation standards.

Future plans include a complete upgrade of the food production laboratory. The total cost of the spaces is estimated to be approximately $850,000.

**Other projects**

Apparel, design and hospitality management plans to renovate a group of teaching laboratories and classrooms on the fourth floor of the Family Life Center. The project, estimated to cost $80,000, will be done in three phases to spread out the expense, said Holly Bastow-Shoop, professor and head of the apparel, design and hospitality management department.

The first phase will be asbestos removal during winter break. The second phase is scheduled to start in spring 2012, and the project will be completed by fall 2012.

The plan is to convert a current classroom into a high-tech classroom with an interactive white board and a new, more flexible seating configuration. What are now three small rooms will become one multipurpose room with a large island in the center. Some of the room’s uses will be interior design and costume collection photography, costume baths and textile tests. The department will re-use cabinetry that remains in good shape.

Drafting tables in the freshman interior design studio need new tops. “They are pretty scary,” said Susan Ray-Degges, associate professor and interior design coordinator. “They are the originals from when the program started.” To emphasize sustainable design, the department plans to refurbish rather than replace the drawing tables by keeping the base of the tables and using a green product for the tops. The project is scheduled to be completed in summer 2012.
Board of Visitors connection leads to job

Laura Kowalski and Nancy Wolff first met at a luncheon for Board of Visitors members and students. Kowalski was a hospitality and tourism management student about to graduate, and Wolff, who earned her bachelor’s degree in 1999 in corporate and community fitness, is executive director of the American Heart Association in Dallas.

“She was the best candidate for the job,” Wolff said. Kowalski followed up after the luncheon with emails asking for advice on ways to get into nonprofit work. She kept the connection alive throughout her final semesters and internship.

The pair got along well, and a year later the connection led to Wolff offering Kowalski an office manager position. Kowalski moved to Dallas over the Labor Day weekend.

Bidder’s Bowl brings Bison bucks

The Board of Visitors continues its ongoing project to support academic excellence in the form of an annual donation for auction at the Bison Bidder’s Bowl. This year’s donation sold for $1,300 and included two one-night stays in Fitger’s Inn in Duluth, Minn., $100 gift card to the Duluth Grill, $150 gift card to the New Scenic Café, four passes to the freshwater Great Lakes Aquarium, a ride for four on the lakefront line of the NorthShore Scenic Railroad, and four passes to the Lake Superior Railroad Museum.

The Board of Visitors consists of successful professionals who graduated with great pride in NDSU and the College of Human Development and Education. They have enthusiastically committed to sharing their career experience with the students, faculty and leadership of the college. Their mission is to expand enrollment, to enhance opportunities for career success and to promote ongoing relationships within the college.

Find us on Facebook! Search for NDSU Board of Visitors.

Faculty and staff donate to make a difference

The College of Human Development and Education faculty and staff stepped up to show their support for the university this year in a big way. HD&E had the second highest participation rate and the largest number of donors to the annual faculty/staff campaign. The college had 84 people participate for a 68.8 percent participation rate, the highest number of unit participants in the university campaign.

Donations were designated to funds including scholarships, library, faculty, endowments and the Center for Child Development.
A sampling of how alumni dollars could help …

<table>
<thead>
<tr>
<th>Amount</th>
<th>Contributions</th>
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| $50    | • Student registration for a professional meeting  
|        | • Educational DVDs |
| $100   | • Reference books  
|        | • Journal subscription |
| $150   | • Microscopes to examine fiber slides in the textiles lab |
| $250   | • Annual Survey Monkey subscription for research |
| $500   | • pH meter for athletic training research  
|        | • Crockmeter to test for colorfastness of fabrics in the textiles lab |
| $1,000 | • Faculty member attendance at a professional development conference  
|        | • Support for undergraduate research  
|        | • Online survey sites for student research  
|        | • Recruiting materials for undergraduate and graduate students |
| $1,500 | • Recumbent bikes for research making it easier to measure body fluid movement |
| $4,000 | • H-flex equipment to measure the number of neurons that bodies can “turn on” voluntarily for exercise physiology and athletic training classes  
|        | • Taber abraser to test for abrasion resistance of fabrics in the textiles lab  
|        | • Computer workstation in research laboratory |
| $5,000 | • Replace freshman interior design studio workstation desktops with “green” surfaces |
| $5,000 | • Visiting professor  
|        | • Research assistant  
|        | • Teaching assistant  
|        | • Heart rate monitor technology for teaching/research  
|        | • Smart board for teacher preparation |
| $8,000 | • Fashion Snoops trend service software renewal |
| $10,000| • Support for a doctoral research assistant |
| $35,000| • Finapres to measure beat-by-beat blood pressure and other cardiovascular variables for exercise physiology and athletic training labs |
| $850,000 | • Renovation of the food production lab and student-managed restaurant space in the Family Life Center |

Alumni and friends

On behalf of the students, faculty and staff of the College of Human Development and Education, thank you for your support. Gifts to the college are a way friends and alumni can show their support. Whether small or large, gifts place a “stamp of approval” on the college.

The college experienced incredible opportunities and growth this year. We have 1,728 talented students. Take a few minutes to read the scholarship list and view the photographs. You can literally see your generosity at work.

Throughout the year, many of our alumni acknowledge the positive impact NDSU has had on their success. Let us help you create memories for others and a legacy for yourself. If the time is right, please consider taking an active role in supporting students. Their need is great, but their potential is even greater. Your gifts to the college are greatly appreciated.

Nancy Gress  
Director of Student Services and Advancement  
nancy.gress@ndsu.edu
Dean’s Circle

Dean’s Circle, the College of Human Development and Education’s honor club, allows alumni and friends to support the college and be recognized for their contributions that help strengthen faculty, teaching and research. The college depends on alumni contributions to provide a wide variety of services to supply the best education possible.

This year’s membership was between July 1, 2010, and June 30, 2011. Contributors gain membership into the Dean’s Circle by their annual contribution. An annual contribution of $250 is required for the Annual Level membership. A contribution of $1,000 or more, throughout the year, designates the Sustainer Level of giving.

Go to www.ndsu.edu/hde/alumni_friends/give to make your contribution online. Check or credit cards also are payable to the NDSU Development Foundation at 1241 N. University Dr., Fargo, ND 58102. Please specify that your contribution is for the College of Human Development and Education, including specifics for a scholarship or department of your choice.

For more information, contact Nancy Gress, director of student services and advancement, at (701) 231-8216 or nancy.gress@ndsu.edu.

### CHARTER MEMBERS ($2,500)

**Individuals**
- Mary Hadley
- Eleanor Fitzgerald*
- Virginia Clark Johnson
- North Dakota Chapter AH of the P.E.O. Sisterhood
- Barbara B. North
- Norma Opgrand
- Evelyn Morrow Lebedeff*
- Robert and Patty Hendrickson
- Nancy Hendrickson
- Emma Jorde*
- James and Sherry Heyer
- Kilbourn and Coila Janecek*
- Vernyl* and Betty Pederson
- Kristin Thelander

**Organizations**
- FM Home Economists
- General Mills Foundation
- Greater Fargo Moorhead CVB
- Midwest Dairy Association
- PEO Chapter AH
- The P & G Fund
- Scheels All Sports
- State Farm Insurance Companies
- SYSCO Corporation

### ANNUAL MEMBERS ($250 - $999)

**Individuals**
- Shirley J. Anderson
- Holly Bastow-Showp and Donald Shoop
- Cathi Christopherson
- Frances S. Clark
- Virginia L. Clark Johnson and Rick D. Johnson
- Carol Gagnon
- Wayne and Mary Greigore
- Roger and Nancy Gress
- Mary Hadley
- Izzy and Gerry Isrow
- Justine and Richard Kingham
- Jan Martin
- Shirley McGillicuddy
- Esther Myers
- Joseph and Norma Peltier
- Arlene and Stanley Pickard
- Harris and Kathryn Seidel
- Donna Terbizon
- Ralph A. Williams
- Margaret Wiseman

**Organizations**
- American Chemical Society - Hach Programs
- Compliance & Safety Services, Inc.
- Sharyl L. Maier
- Paula J. Mantel
- Shirley E. McAllister
- Ian McLean
- Maureen T. Mulroy
- Charles O’Brien
- Cheri and Steven Olerud
- Earl and Rosie Peterson
- Tim and Claudette Peterson
- Robert and Mary Reinke
- Mary and Randall Rustad
- Greg Sanders
- Donald P. Schwert
- Thomas and Micheline Sheehy
- Gary and Yvonne Smith
- Constance and David Spryczynatyk
- Ronald and Lois Shern
- Matthew and Elisa Titus
- Rachel A. Tompt
- Mary Walker-Chyle and Valerian Chyle
- David and Jeanne Wetherby
- Jill J. Wilkey
- Kara Wolfe
- Nancy J. Wolff
- Charlene and Clifford Wolf-Hall

*Deceased
SEEDS FOR THE FUTURE

Help us reach our $250,000 goal

Through the Seeds for the Future campaign, the Board of Visitors is working to raise $250,000 to endow an $8,000 annual award to a graduate student.

To contribute or to learn more, contact Nancy Gress at 701-231-8216 or nancy.gress@ndsu.edu.

Contribute online at www.ndsu.edu/hde/alumni-friends/give

Donations to the College of Human Development and Education are administered by the NDSU Development Foundation.

Going the DISTANCE

The NDSU Bison football team won its first NCAA Division I football championship Jan. 7 in Frisco, Texas. The Bison defeated Sam Houston State University 17-6. Senior WARREN HOLLOWAY (81) became the second wide receiver in NDSU's history to reach 1,000 yards receiving in a season. After graduation, Holloway, a physical and health education major, plans to return to his hometown, Houston, to teach and coach.

1,000+ YARDS