

*Agriculture  
and Extension  
Faculty/Staff Awards*

**North Dakota State University**

**Thursday, December 13, 2012**

3:00 p.m.

NDSU Memorial Union

*Reception and refreshments  
immediately following the awards program*

# Larson/Yaggie Excellence in Research Award

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## ■ Thomas DeSutter

Assistant Professor  
School of Natural Resource Sciences  
(Soil Science)

*"Without exception, Dr. DeSutter's research contributions are above and beyond expectations."*

Tom DeSutter joined NDSU as an assistant professor in 2006.

DeSutter, who conducts field and laboratory research in environmental soil science, has achieved national and international recognition. He has 43 peer-reviewed publications, with 28 of them resulting from his work at NDSU, and he is largely responsible for NDSU having the second highest publication rate among Soil Science programs nationwide.

He also has been invited to write a book and has promoted his and his students' contributions to North Dakota agriculture through 12 proceedings and 73 conference presentations. In addition, he has generated \$3 million in grants, advised graduate students and served on graduate committees, provided his expertise to numerous regional and national committees, and served as a grant reviewer for the National Science Foundation.

DeSutter received B.S. and M.S. degrees from South Dakota State University and a Ph.D. from Kansas State University.

## ■ Margaret Khaita

Associate Professor  
Department of Veterinary and  
Microbiological Sciences

*"Margaret's research brings new perspectives to food safety issues in North Dakota and beyond through epidemiological approaches."*

Margaret Khaita joined NDSU as an associate professor in 2009.

Khaita's leadership in obtaining NDSU's first USAID grant helped establish veterinary preventive medicine and research in Uganda and led to collaborative relationships with other African and European countries and Canada. Her research also has provided new information on the prevalence of salmonella and antibiotic resistance in cattle and humans in North Dakota.

Her research has led to the publication of 33 refereed journal articles, 55 abstracts and meeting proceedings, a book chapter and seven Extension articles, as well as 35 presentations. In addition, she has been the principle investigator or co-principle investigator on research projects that generated more than \$2 million in grant funding.

Khaita earned a B.V.M. degree from Makerere University, an M.S. degree from the University of Edinburgh and a Ph.D. from Ohio State University.

## ■ Kasey Maddock Carlin

Assistant Professor  
Department of Animal Sciences

*"Dr. Maddock Carlin has established an impressive research program over her six years on the faculty at NDSU."*

Kasey Maddock Carlin joined NDSU as an assistant professor in 2006.

Maddock Carlin and her collaborators were the first to describe the positive effects of feeding field peas on meat tenderness. She also increased understanding of how temperament influences meat tenderness, and her research on the effect of maternal nutrition on muscle development has provided insight into muscle development and meat quality.

Her research has resulted in 16 refereed publications, 10 Extension/field reports and 62 abstracts, and she has attracted \$822,653 in research funding. She has served as chair of the American Society of Animal Science's National Meat Science and Muscle Biology Committee and offers her expertise in lab methods to students, faculty and staff.

Maddock Carlin holds B.S. degrees from NDSU, an M.S. degree from the University of Missouri and a Ph.D. from Iowa State University.

## ■ Juan Osorno

Assistant Professor  
Department of Plant Sciences

*"The most tangible results of Dr. Osorno's efforts are the release of five new cultivars."*

Juan Osorno joined NDSU as an assistant professor in 2007.

Under Osorno's leadership, NDSU's dry bean breeding program has added genetic combinations, including 400 lines from Africa and South America. His research led to the release of five new cultivars, and he has four bean lines in the late stage of development.

He also collaborated with the Northern Crops Institute to create a bean canning facility and worked with Extension personnel to discover a new race of bean rust. In addition, he has published nine refereed articles, presented at eight national or international meetings, generated \$1.8 million in grant funding and is a member of the USDA's \$4 million Common Bean Coordinated Agricultural Project.

Osorno has a B.S. degree from the Universidad Nacional de Colombia, an M.S. degree from the University of Puerto Rico and a Ph.D. from NDSU.

## ■ Shafiqur Rahman

Assistant Professor  
Department of Agricultural  
and Biosystems Engineering

*"He clearly has gained national recognition, which elevates the image of NDSU agriculture."*

Shafiqur Rahman joined NDSU as an assistant professor in 2008.

Rahman established the waste management, water and air quality research program at NDSU. He has evaluated and demonstrated new technologies to reduce water

pollution from nutrient runoff and reduce environmental concerns about concentrated animal feeding operations. In addition, he has built a worldwide network of scientists, researchers, organizations and commodity groups.

In 2011-12 alone, he published 15 peer-reviewed articles and two peer-reviewed book chapters. He has served on a USDA panel to review grant applications for air quality projects and reviewed technical articles for journals in the U.S., Europe and Asia. He also has generated more than \$400,000 in federal and state grants.

Rahman received a B.S. degree from Bangladesh Agricultural University, an M.Eng. degree from the Asian Institute of Technology, and an M.S. and Ph.D. from the University of Manitoba.

## ■ Saleem Shaik

Assistant Professor  
Department of Agribusiness  
and Applied Economics

*"He is one of the best young agricultural economists in the United States."*

Saleem Shaik joined NDSU as an assistant professor in 2007.

Shaik's main research contribution is in risk analysis, with emphasis on agricultural risks, and technology assessment and efficiency/productivity using analytical tools. He evaluates the returns to public research and development investments, private patent innovations, farm programs and crop insurance. He also studies how past agricultural policies, liquidity and solvency ratios, and yield and price risk have affected or altered the risk environment of the northern Great Plains agriculture.

He is involved in multimillion dollar research projects, including

a \$3.6 million effort to develop a risk management survey. His research has resulted in numerous publications, including three book chapters and 25 refereed journal articles, and presentations at 94 local, national and international events.

He earned B.S. and M.S. degrees from Andhra Pradesh Agriculture University and a Ph.D. from the University of Nebraska.

## ■ Shaobin Zhong

Assistant Professor  
Department of Plant Pathology

*"He is a superb and very productive researcher with an incredibly dynamic research program built around functional genomics and molecular genetics."*

Shaobin Zhong joined NDSU as an assistant professor in 2007.

Zhong's research group has identified sources of Fusarium head blight (FHB) resistance in wheat, which has contributed significantly to breeders developing germplasm and varieties that will do well in North Dakota. To enhance FHB-resistance evaluation, he initiated nurseries for screening U.S. spring wheat lines in China, where FHB epidemics occur annually.

His group is a leader in research on a fungal pathogen that causes spot blotch, common root rot and black point in barley and wheat, and his laboratory developed a model for studying cereal crop diseases. His efforts have resulted in 15 peer-reviewed journal articles and two book chapters and presentations at U.S. and international research institutions.

Zhong holds B.S. and M.S. degrees from Nanjing Agricultural University and a Ph.D. from NDSU.

## Eugene R. Dahl Excellence in Research Award

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### ■ Anna Grazul-Bilska

Professor  
Department of Animal Sciences

*"She is a scientist of the highest quality and productivity."*

Anna Grazul-Bilska joined NDSU as an associate professor in the Biotechnology Institute in 1991, then moved to the Department of Animal Sciences as an assistant professor in 1998 and became an associate professor in 2003 and professor in 2009.

Grazul-Bilska's research has enhanced knowledge of assisted reproductive technology and physiology and led to the creation of protocols for hormonal treatment and diet formulation to maintain high reproductive efficiency in animals. She also has improved and adapted several methods to study reproductive function. She often collaborates with researchers from throughout the U.S. and abroad.

As a result, she has been the author or co-author of five book chapters and more than 80 peer-reviewed journal articles, and made presentations at conferences and seminars worldwide. She also has generated \$2.3 million in funding for her research.

Grazul-Bilska earned B.S. and M.S. degrees and a Ph.D. from the University of Agriculture and Technology.

### ■ Mohamed Mergoum

Professor  
Department of Plant Sciences

*"Dr. Mergoum has been a great asset to the HRSW breeding program and our department at NDSU."*

Mohamed Mergoum joined NDSU as an associate professor in 2002 and became a professor in 2008.

As NDSU's spring wheat breeder, Mergoum's most significant contribution has been in wheat germplasm and cultivar development. The hard red spring wheat cultivars his research group developed account for 60 percent of the total wheat acreage in North Dakota and a third of the acreage in Minnesota.

He has been the author or co-author of more than 90 peer-reviewed journal articles and nine book chapters. He also holds 10 plant variety protection certificates. He has presented the results of his work at numerous regional, national and international meetings, and secured more than \$5.5 million in grant funding.

Mergoum received a B.S. degree from the Institut Agronomique et Veterinaire Hassan II, an M.S. degree from the University of Minnesota and a Ph.D. from Colorado State University.

## Earl and Dorothy Foster Excellence in Teaching Award

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### ■ Erika Berg

Assistant Professor  
Department of Animal Sciences

*"Many professors work for years to achieve what Dr. Berg has already accomplished."*

Erika Berg joined NDSU as an assistant professor in 2008.

Berg developed the Therapeutic Horsemanship minor and three therapeutic horsemanship courses, as well as a collaboration with a local therapeutic riding center to expose her students to service-based learning.

She also teaches four other courses she developed, including Animal Science Orientation and Domestic Animal Behavior and Management; is adviser to the Horseman's Association; served as the intercollegiate hunt seat equestrian team coach; and mentors undergraduate Equine Studies majors. In addition, she was one of the authors of seven refereed journal articles and has made 18 presentations in North Dakota and other states.

Her students say she stimulates their intellectual and personal growth, and provides a comfortable and enjoyable learning environment.

Berg earned B.S. and M.S. degrees from Purdue University and a Ph.D. from the University of Missouri.

## ■ Penelope Gibbs

Associate Professor  
Department of Veterinary and  
Microbiological Sciences

*"She has a very deep understanding of bacterial genetics and uses that knowledge to teach the students effectively."*

Penny Gibbs joined NDSU as an assistant professor in 2002 and became an associate professor in 2011.

Gibbs is the only faculty member in the department who is teaching two upper-level courses: Advanced Bacterial Genetics and Advanced Molecular Techniques. In addition, she advises 18 undergraduate students in the Microbiology major, assists other faculty with advising pre-veterinary students and advises four graduate students.

She also assists with lectures in bacterial physiology and epidemiology, serves as a mentor to new faculty and conducts research in microbiology.

Her students say she makes complex subjects easy to understand, treats them fairly and objectively, constantly challenges them and encourages them to think outside the box, and stimulates their personal and intellectual growth.

Gibbs holds B.S. and M.S. degrees and a Ph.D. from the University of Georgia.

## ■ Siew Lim

Assistant Professor  
Department of Agribusiness  
and Applied Economics

*"Her knowledge of microeconomic theory provides a strong foundation for her teaching and her research."*

Siew Lim joined NDSU as an assistant professor in 2005.

Lim has taught a variety of courses, including Elements of Economics, Principles of Microeconomics and Economics of Transportation Systems, and developed the Econometrics course.

She also helped develop the learning objectives for the undergraduate program in economics and worked on the graduate curriculum; advises undergraduate and graduate students, including four students in the M.S. program; and served on the supervisory committee for six other graduates. In addition, she is an author on 10 refereed journal articles.

Her students say her classes are challenging, but she presents the material in a way that they can understand it. They also say she cares about them and is willing to help them succeed.

Lim received a B.S. degree from Bemidji State University and a Ph.D. from the University of Georgia.

## ■ Alan Zuk

Assistant Professor  
Department of Plant Sciences

*"He cares about the needs of students and tries to understand, support, challenge and encourage."*

Alan Zuk joined NDSU as an assistant professor in 2008.

Zuk has taught six courses, including Turfgrass Management, Landscape Bidding and Contracting, and Horticulture and Turfgrass Systems, and developed two courses: Horticultural Therapy and Turfgrass Management Lab.

He also advises six to 10 undergraduate turfgrass majors each semester; advises the Turf Club and the Turf Management program; served as faculty adviser for Churchill Hall; organized the Taters for Tots program, which distributes surplus potatoes and other local foods families in need; and conducts research, including the evaluation of ornamental grasses for adaptation in the northern Plains.

His students say he always is prepared for class and his classwork is demanding, and he demonstrates through example that they should keep trying and never give up.

Zuk earned B.S. and M.S. degrees and a Ph.D. from Kansas State University.

# H. Roald and Janet Lund Excellence in Teaching Award

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## ■ Paul Berg

Associate Professor  
Department of Animal Sciences

*"The impacts of his teaching are felt far and wide throughout North Dakota and have influenced animal agriculture for five decades."*

Paul Berg was an assistant Extension agent in McLean County from 1961 to 1966, then became an assistant professor in 1969 and an associate professor in 1988.

Berg has taught six courses, including Introduction to Livestock Judging and Animal Genetics, but his biggest contribution is in Meat Grading and Judging. The students participate on the NDSU Meats Judging Team, and Berg accompanied the team for 34 years as it competed throughout the U.S.

More recently, he has educated BBQ Boot Camp attendees about meat spices, marinades and rubs and given presentations on teaching techniques for meat judging coaches and meat judging as a learning tool.

His students say he keeps the class engaged and is willing to help any student in need.

Berg holds B.S. and M.S. degrees and a Ph.D. from NDSU.

## ■ Janice Haggart

Instructor  
Department of Veterinary  
and Microbiological Sciences

*"She is the institutional memory for the Microbiology major and minor."*

Janice Haggart joined NDSU as a lecturer in 1995 and became a senior lecturer in 2000 and an instructor in 2008.

In addition to teaching several courses, including General Microbiology, Haggart revised the Infectious Disease Pathogenesis Laboratory for Majors course, and is a member of the advisory board and reviewer for a new microbiology textbook for majors.

She also helped with an outreach effort to teach microbiology at Cheney Middle School in West Fargo, oversees the scheduling of microbiology courses, supervises undergraduate and graduate teaching assistants, advises 40 undergraduate Microbiology majors and mentors new faculty in teaching.

Her students say she is organized and prepared to teach when she enters the classroom, as well as being unfailingly patient, and she encourages them to think about microbiology topics and how those topics pertain to their lives.

Haggart received B.S. and M.S. degrees from NDSU.

## ■ Burton Johnson

Professor  
Department of Plant Sciences

*"Dr. Johnson is a bright and talented educator who sets high standards for himself and his students."*

Burton Johnson joined NDSU as a research specialist in 1976 and became an assistant professor in 1998, an associate professor in 2004 and a professor in 2010.

Johnson's undergraduate course, Principles of Crop Production, attracts an average of 45 students each spring semester. He also has served as a major adviser for many graduate students. Under his direction, graduate students hired as teaching assistants have increased their responsibilities to include presenting lectures, co-teaching labs and assisting with student assessments.

In addition, he has conducted research on crop production in sunflowers, and alternative and potentially new crops in North Dakota.

His students say he challenges them to do well, and he teaches in a manner that keeps their attention.

Johnson earned a B.S. degree from Minnesota State University Moorhead and an M.S. degree and Ph.D. from NDSU.

# William J. and Angelyn A. Austin Excellence in Advising Award

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## ■ Deying Li

Associate Professor  
Department of Plant Sciences

*"Dr. Li is an outstanding teacher and adviser who is enthusiastic, motivated and dependable."*

Deying Li joined NDSU as an assistant professor in 2002 and became an associate professor in 2007.

Li advises the majority of the students in the Sports and Urban Turfgrass Management major and is the major adviser or a supervisory committee member for graduate students. He also is the Turf Club coordinator and advises high school students participating in the Governor's Program at NDSU.

He also helps other faculty with student advising and teaching.

His advisees say he is genuinely interested in them and their career plans, and he helps them develop personal and professional goals. He also introduced them to the appropriate faculty or staff if they had a question that was beyond his expertise.

Li earned a B.S. degree from Shanxi Agricultural University, an M.S. degree from Beijing Agricultural University and a Ph.D. from Iowa State University.

## ■ Rachel Richman

Senior Lecturer  
Department of Veterinary  
and Microbiological Sciences

*"Rachel is a popular faculty member when it comes to advisee requests."*

Rachel Richman joined NDSU as a senior lecturer in 2003.

Richman is the official adviser for 21 undergraduate microbiology majors, but she unofficially advises many more of them, as well as students from other majors. She advises the Microbiology and Biotechnology Club and supervises the graduate teaching assistant in the capstone course.

She also teaches the microbiology capstone and the nonmajors' introductory microbiology courses.

Her advisees say she spends as much time as needed to help them determine the courses they need to take to graduate and makes sure they stay on track. She also is knowledgeable about career opportunities and is proactive in keeping up with curriculum and policy changes that affect students' academic plans. Many graduates use her as a reference.

Richman holds a B.S. degree from the University of Texas and an M.S. degree from the University of Minnesota.

## ■ Cheryl Wachenheim

Professor  
Department of Agribusiness  
and Applied Economics

*"Dr. Wachenheim is a dedicated adviser and a great asset to the Department of Agribusiness and Applied Economics."*

Cheryl Wachenheim joined NDSU as an assistant professor in 1998 and became an associate professor in 2003 and professor in 2010.

Wachenheim officially advises 15 to 20 undergraduate majors each semester but assists many others who seek her counsel. She also has advised student organizations such as the Agribusiness Club, CERES Women's Fraternity and Collegiate Farm Bureau, and she helps students obtain internships through her agribusiness contacts.

She also supervises students in the master's program in Agribusiness and Applied Economics, and has served on several supervisory committees.

Her advisees say she cares deeply about them and takes the time to help them identify their goals and plan their course work so they can reach those goals.

Wachenheim has a B.S. degree from the University of Minnesota and an M.S., M.B.A and Ph.D. from Michigan State University.

# Myron and Muriel Johnsrud Excellence in Extension/Outreach Award

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## ■ Christopher Augustin

Extension Area Soil Health Specialist  
North Central Research  
Extension Center

*"Chris has natural leadership skills and has a great personality to go along with them."*

Chris Augustin joined NDSU as an area nutrient management specialist at the Carrington Research Extension Center in 2008 and became an area soil health specialist at the North Central Research Extension Center in 2012.

Following the devastating 2011 Souris River flood, Augustin worked with Extension agents and specialists, producers, the North Dakota Department of Agriculture and other agencies to assess the damage to hay land, farmland and farmsteads in Renville, Ward, McHenry and Bottineau counties and find solutions.

He reaches his audience a number of ways, including the soils Facebook page he developed and presentations at the fall research/Extension conference, field days, canola and pulse crop days, and county crop improvement field tours. He also is part of NDSU's soil health initiative and a mentor to the other area soil health specialist.

Augustin holds B.S. and M.S. degrees from NDSU.

## ■ Andrea Bowman

Extension Agent  
Bowman County

*"She continually seeks out opportunities to provide programs that make a difference in people's lives."*

Andrea Bowman was an interim Extension agent in Adams County in 2004-5 and became an agent for Bowman County in 2006.

Bowman helped establish the Bowman County Extension Advisory Council to more effectively plan and deliver educational programs that residents want and need. She also is an active partner with many organizations and governmental agencies, which provides valuable input into program ideas and financial support.

As a result, she provides Extension programming on a variety of topics, including farm and ranch transition and estate planning, risk management, range management, horticulture, pesticide certification, beef quality assurance, 4-H livestock judging, 4-H shooting sports, farm safety camps, youth camps and Junior Master Gardener. Her partnerships also led to a cover crop trial for southwestern North Dakota. She also serves as a mentor to new agents.

Bowman earned a B.S. degree from NDSU.

## ■ Carrie Knutson

Extension Agent  
Grand Forks County

*"Carrie is constantly thinking of ways to highlight and promote 4-H."*

Carrie Knutson joined NDSU as a horticulture coordinator in 2006. She became an Extension agent-in-training in Walsh County later that year and an agent in Grand Forks County in 2007.

Knutson is a master at using citizen input to help identify 4-H programs. As a result, she does considerable programming for in- and after-school programs. She also has partnered with students and staff at the Grand Forks Air Force Base to deliver programs there.

Recognizing the importance of experiential learning, she developed the Electricity Lesson and No Hassle Messy Science learning trunks. She also was involved in the development of the New American garden project, which gave new Americans from Bhutan the opportunity to grow their own food, and the Kids Kafe program, which offered low-income youth a chance to learn about nutrition and cooking.

Knutson has B.S. and M.S. degrees from NDSU.

## ■ Reid Redden

Extension Sheep Specialist  
Department of Animal Sciences

*"The programs that Reid has taken the initiative with have strengthened the sheep programs across the state."*

Reid Redden joined NDSU as Extension sheep specialist and assistant professor in 2010.

Through his partnership with the North Dakota Lamb and Wool Producers Association, he determines the needs of North Dakota sheep producers. As a result, he developed a webinar series for sheep producers, conducts clinics on caring for and shearing sheep and proper wool-harvesting techniques, and helped create a course to train Animal Sciences students on how to develop transformational outreach information.

He also helped organize the starter flock program, is the lead instructor on four courses, takes a lead role at in-service training for Extension agents and shares his expertise at the Animal Sciences Department's Moos, Ewes and More program.

Redden holds a B.S. degree from Texas A&M University, an M.S. degree from New Mexico State University and a Ph.D. from Montana State University.

## AGSCO Excellence in Extension Award

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### ■ Bradley Brummond

Extension Agent  
Walsh County

*"Brad has been instrumental in a variety of programs that have contributed to the needs of North Dakotans."*

Brad Brummond joined NDSU as an assistant agent in Traill County in 1982. He then served as an agent in Hettinger and Kidder counties before becoming an agent in Walsh County in 1992.

Brummond provides programs, publications and individual assistance in multiple areas, including crop diseases, organic production, cover crops, pesticide resistance, food and nutrition, and horticulture.

He works to improve 4-H programs for youth, spends considerable time working with youth on judging teams and in livestock programs, and serves as a role model for youth in the region. He has expanded the county's 4-H program to include more than 100 youth. He also mentored six Extension agents-in-training and is a statewide trainer in building effective 4-H programs, as well as office management and customer service.

Brummond earned B.S. degrees from NDSU.

### ■ David Franzen

Extension Soil Specialist  
School of Natural Resource Sciences  
(Soil Science)

*"Dr. Franzen's Extension activities indicate the highest commitment to NDSU Extension and North Dakota agriculture."*

Dave Franzen joined NDSU as an assistant professor and Extension soil specialist in 1994 and became an associate professor in 2000 and a professor in 2006.

Franzen has been a catalyst in planning and executing Extension programs in precision agriculture and soil management. He involves Extension area specialists, agents and producers in developing on-farm trials and demonstrations to answer questions on soils and soil fertility.

His leadership in recalibrating hard red spring wheat and durum nitrogen requirements has led to the creation of an online nitrogen calculator that's available to producers, Extension staff and the fertilizer industry. He also has helped bring in additional funding for a team of scientists and Extension staff to address the state's saline and sodic soil problems.

Franzen holds B.S. and M.S. degrees and a Ph.D. from the University of Illinois.

*AGSCO Award nominees  
continue on page 10*

## ■ Marie Hvidsten

Extension Rural Leadership Specialist  
Center for Community Vitality

*"North Dakota is a better place because of Marie Hvidsten."*

Marie Hvidsten joined NDSU as a rural leadership specialist and the Rural Leadership North Dakota (RLND) program director in 2002.

Hvidsten built RLND into a successful program that has helped 72 people from 48 communities in 32 counties develop leadership skills and build partnerships with local, state and regional agencies, nonprofits and other organizations to strengthen their communities.

She brought the concept of planning through appreciative inquiry to North Dakota and conducts training on it for Extension agents and specialists. She also helped develop and delivers training in evaluation and facilitation for Extension personnel, and she works with communities and organizations on strategic planning.

Hvidsten received an A.A. degree from Northland Community and Technical College, a B.A. degree from Bemidji State University, an M.Ed. degree from the University of North Dakota and an Ed.D. from the University of St. Thomas.

## ■ Trisha Jessen

Extension Agent  
Ward and Renville Counties

*"Trisha is very innovative in her program planning."*

Trisha Jessen joined NDSU as an Extension agent for Ward and Renville counties in 2002.

As an Extension agent for the Family Nutrition Program, Jessen provides nutrition, food safety and food resource management programming to low-income families. As part of that effort, she has fostered strong collaborations with agencies that serve the low-resource population and schools in underserved areas.

During the 2011 Souris River flooding, she provided emergency feeding operations with food safety and nutrition education information and set up displays at grocery stores, shelters and Ward County Social Services with information on food safety during a flood, dealing with mold and handling stress. She also works to create awareness about hunger in North Dakota and has helped combat obesity by helping youth plant, tend and harvest gardens and learn about eating healthfully.

Jessen has a B.S. degree from Minot State University.

## ■ Thomas Kalb

Extension Horticulturist  
Department of Plant Sciences

*"Dr. Kalb has earned the respect of his colleagues, gardeners and other end users of his information."*

Tom Kalb joined NDSU as an Extension horticulturist in 2007.

Kalb has developed several collaborative educational programs, including the Dakota Garden Expo, which attracts about 950 attendees annually, and the North Dakota garden variety trial program, which has 310 participating families.

He also records presentations and makes them available on cable TV and the Internet.

In addition, he is active in developing and implementing applied research that supports his educational programs and provides information on variety selection, and he provides leadership for the NDSU Horticulture/Forestry Team update program, which gives agents information they can use in answering gardeners' and homeowners' questions and at educational events.

Kalb earned a B.S. degree from the University of Wisconsin, an M.S. degree from the University of Minnesota and a Ph.D. from Virginia Polytechnic Institute and State University.

## ■ Mohamed Khan

Extension Sugar Beet Specialist  
Department of Plant Pathology

*"Dr. Khan's programming illustrates teamwork, creativity, cooperation, accountability and relationship to research."*

Mohamed Khan joined NDSU as an assistant professor and Extension sugar beet specialist in 1999 and became an assistant professor in 2005 and a professor in 2011.

Khan reaches his audiences in many ways, including grower seminars, plot tour demonstrations, sugar beet research reporting sessions, the Sugar Beet Institute, Extension publications, the Crop and Pest Report, regular radio updates and education for crop scouts on current sugar beet issues.

His research helped determine the most effective fungicides for Cercospora leaf spot control and resistance management, and he organized a symposium at which sugar beet breeders, virologists, agronomists, managers and seed company representatives developed a strategy for managing Rhizomania, a severe disease in sugar beets.

Khan received a B.S. degree from the University of Guyana, an M.S. degree from the University of Bath and a Ph.D. from Clemson University.

## ■ Timothy Petry

Extension Livestock Economist  
Department of Agribusiness  
and Applied Economics

*"He has a clear understanding of the challenges and opportunities our stakeholders face."*

Tim Petry joined NDSU as an instructor in 1971 and became an assistant professor in 1973 and an associate professor in 1981. He became the Extension livestock economist in 2002.

Petry reaches out to his audiences in many ways, including state and regional meetings, videoconferences with marketing clubs, newspaper columns such as Market Advisor, his website, interviews with the local and regional news media, about 50 in-person and multiple online presentations annually, serving as a contributor to programs such as the Bloomberg News analysis on cattle, and answering questions from producers and others.

He regularly works with Extension agribusiness and livestock specialists in their programming efforts and

collaborates with Extension agents and specialists in Agribusiness and Applied Economics, Animal Sciences, the School of Natural Resource Sciences and other areas.

Petry holds B.S. and M.S. degrees from NDSU.

## ■ J.W. Schroeder

Extension Dairy Specialist  
Department of Animal Sciences

*"Dr. Schroeder's impact and success goes far beyond the North Dakota borders to regional and national scholarship."*

J.W. Schroeder joined NDSU as an assistant agent in Pembina County in 1975 and was an agent in Oliver, Ward and Bottineau counties before becoming an assistant to the director in 1991, Extension dairy specialist in 1992, assistant professor in 2000 and associate professor in 2006.

Schroeder's efforts to support the North Dakota dairy industry include the Dairy Cow College and the development of NDSU's dairy website. He has developed 32 Extension publications, 15 fact sheets and two user guides/work-books, and is the author or co-author of nearly 50 scientific journal articles.

He also helped develop the North Dakota Dairy Diagnostic Advisory Team program, which improves dairy farmers' financial condition, and the North Dakota Dairy Coalition.

Schroeder received a B.S. degree and Ph.D. from NDSU and an M.S. degree from Colorado State University.

# Charles and Linda Moses Staff Award

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## ■ Kirk Anderson

Research Specialist  
School of Natural Resource Sciences  
(Entomology)

*"His research efforts and job performance demonstrate his commitment to NDSU agriculture."*

Kirk Anderson joined NDSU as a research specialist in 2000.

Anderson's research on wheat insect pests focuses on devising methods to determine their economic impact on wheat production and developing ways monitor to them for more efficient control. He has played a key role in developing and maintaining research collaborations with researchers on campus as well as in other countries.

He is responsible for managing Entomology's use of USDA greenhouse facilities, which includes allocating space, monitoring hygiene and safety standards, and disinfecting the greenhouse annually. He also assumed additional responsibility while his supervisor served as interim associate dean. As a result of his research, he has co-authored numerous peer-reviewed journal articles and presented at professional meetings.

Anderson earned an A.S. degree from the University of North Dakota-Williston, and B.S. and M.S. degrees from NDSU.

*Moses Award nominees  
continue on page 12*

## ■ Dawn Doetkott

Research Specialist  
Department of Veterinary  
and Microbiological Sciences

*"She has a broad range of experience to draw upon, making her a valuable asset to the research mission of the NDAES and the college."*

Dawn Doetkott joined NDSU as a research specialist in 1989.

Doetkott's technical support and scientific expertise have helped establish the Veterinary and Microbiological Sciences lab and NDSU as important players in infectious disease and food safety research. She has worked on soil microbes, insects, and pathogens of animals and humans, and assists researchers with tasks such as generating microbiological data in the lab.

She also serves as a mentor to undergraduate and graduate students, including those in the Governor's Summer Program. She guides them as they learn lab techniques and helps them successfully complete their academic programs. As the result of her research, she has been an author on 12 refereed articles.

Doetkott holds B.S. and M.S. degrees from NDSU.

## ■ Austen Germolus

Research Specialist  
Department of Animal Sciences

*"He is always willing to work with faculty, staff and students to help accomplish the objectives of research, teaching and Extension."*

Austen Germolus joined NDSU as a research specialist in 2008.

As Meat Laboratory manager, Germolus oversees slaughter plant operations, meat processing and

fabrication, and sale and distribution of the meat lab product. He is responsible for the humane treatment of animals during the harvest process, supervises the undergraduate labor force and assists with data and tissue collection.

He also works with many different faculty, staff and graduate student researchers. He helped create and teach courses on meat fabrication and processing, as well as prepare for and teach core animal and meat science courses. In addition, he is one of five managers of the popular BBQ Boot Camp program, and he is involved with other Extension programming.

Germolus received a B.S. degree from NDSU.

## ■ Vicki Magnusson

Research Specialist  
Department of Plant Sciences

*"Vicki has an excellent understanding of the scientific method and science research."*

Vicki Magnusson worked as a secretary at NDSU from 1996 to 1998, then rejoined NDSU as a research specialist in 2001.

In Magnusson's role as manager of the woody plant physiology and biotechnology lab and greenhouse, she keeps the lab and equipment operating, processes purchase orders, maintains supplies and supervises lab personnel, including undergraduate and graduate students and visiting scholars. She also teaches students, technicians and visiting scholars about lab safety and maintains the department's autoclaves, two walk-in coolers and a teaching lab.

She also conducts research on the genetic transformation of woody

species, in vitro mutation breeding of horticultural plants and micropropagation of hard-to-propagate woody species, and has taught the lab session of the Plant Tissue Culture and Micropropagation course for many years.

Magnusson has A.A.S., B.S. and M.S. degrees from NDSU.

## ■ Scott Swanson

Electronic Media Specialist  
Agriculture Communication

*"Scott is very knowledgeable about video production and is very able to bring his knowledge to a beginner's level of understanding."*

Scott Swanson joined NDSU as an electronic media specialist in 2009.

Swanson produces multimedia projects ranging from high-definition video programs to YouTube-style videos for NDSU Extension, the North Dakota Agricultural Experiment Station and other clients on a variety of subjects, including home energy efficiency, cleaning up after a flood, insect management and healthful snacks.

He also conducts training sessions on how to create high-quality videos, is the Web conferencing coordinator for faculty and staff in Agriculture and Extension, presents training sessions at Extension and Research Extension Center conferences, led video training at Communications Camp for four Extension program teams and is providing the leadership on the University System's move from Wimba to Blackboard Collaborate.

Swanson received a B.S. degree from Minnesota State University Moorhead.

# Donald and Jo Anderson Staff Award

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## ■ Sandy Erickson

Administrative Assistant  
Department of Veterinary  
and Microbiological Sciences

*"She is extremely effective in her job and has been approached by other departments to share examples of best practices."*

Sandy Erickson joined NDSU as an administrative secretary in 1989 and became an administrative assistant in 1995.

Erickson provides secretarial and office management support to the department chair, technical staff, graduate assistants and up to 14 faculty members of the Veterinary and Microbiological Sciences Department and Veterinary Diagnostic Lab.

She also is responsible for the department's accounting functions, which include working with vendors and supplies, and keeping the department within budget. She also is the department's source of information on NDSU regulations and financial policy, and is in charge of placing and receiving lab orders and assigning work-study students.

## ■ Myrna Friedt

Administrative Assistant  
Carrington Research Extension Center

*"She accomplishes tasks with enthusiasm, thoroughness, accuracy and precision."*

Myrna Friedt joined NDSU as an administrative secretary in 1999 and became an administrative assistant the following year.

In addition to handling administrative duties such as research grant

proposal development, account or budget reconciliation, report preparation and initiating correspondence with constituents, Friedt organizes, edits and formats the center's major publications, including the annual report, Beef Feedlot Research Report and Extension publications.

She also manages the center's website and financial affairs, helps project leaders develop their reports and outreach materials to make sure new research information reaches the public as quickly as possible, and often serves as the center's first contact for farmers, ranchers, research collaborators, Extension colleagues, students and the public.

## ■ Paulann Haakenson

Information Processing Specialist  
Department of Agribusiness  
and Applied Economics

*"Her ability to connect with the public is a real asset to NDSU and the College of Agriculture, Food Systems and Natural Resources."*

Paulann Haakenson joined NDSU as an information processing specialist in 1997.

Haakenson coordinates the annual Northwest Farm Managers meeting, assists with organizing the Extension workshops and conferences the specialists offer each year and serves as the department's technical expert on phones and computer programs, as well as the video and PowerPoint resource.

She also assists specialists with their presentations, maintains the

department's Web pages and is responsible for collecting data weekly and maintaining spreadsheets of crop market prices from 22 North Dakota grain elevators, the Wall Street Journal and the Minneapolis Grain Exchange. In addition, she provides constituents with material they request.

## ■ Sharon Lane

Distribution Center Manager  
Agriculture Communication

*"Sharon is continually looking for ways to make the Distribution Center as efficient as possible."*

Sharon Lane joined NDSU as a receptionist and event scheduler in 1977 and became an office manager in 1980 and the Distribution Center manager in 1986.

As manager, Lane oversees the publication process for NDSU Agriculture and Extension educational materials, monitors an inventory of more than 1,200 printed and online publications and directs the shipping of all NDSU Extension mail.

She also is responsible for publication preorders, and she has been developing landing pages for publications. These pages summarize the publication and include a photo of the cover, making them more searchable online. In addition, she helped create a secure online sales site for publications.

*Anderson Award nominees  
continue on page 14*

## ■ Cynthia Selstedt

Administrative Assistant  
Center for Community Vitality

*"Cindy has been and continues to be an integral part of the RLND program team."*

Cindy Selstedt joined NDSU as an administrative assistant in 2004.

Selstedt maintains and updates the Rural Leadership North Dakota (RLND) website and contributor database she created; makes hotel, meal and transportation arrangements for the RLND seminars and short course program; provides financial management for the program, short course and rural leadership specialist; prepares RLND program and seminar materials; and responds to program correspondence.

She also set up an online program for RLND participants and alumni to receive seminar information and communicate with each other, and helps the rural leadership specialist organize other workshops and events. In addition, she chaired the 2010 Extension support staff conference.

## Rick and Jody Burgum Staff Award

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### ■ Susan Finneseth

Program Manager  
Expanded Food and Nutrition  
Education Program/Family  
Nutrition Program

*"Susan is a true mentor and leader when she works with the EFNEP/FNP agents and assistants."*

Susan Finneseth joined NDSU as an administrative secretary in 2005 and became an administrative assistant in 2006 and a program manager in 2008.

In addition to serving as fiscal manager of two federal grants of more than \$1 million annually, Finneseth continually helps secure grant funding and has helped staff weather turnover and funding cuts.

She also maintains the EFNEP/FNP website, chairs the planning committee for the EFNEP/FNP annual conference, finds ways to make the educators' work easier and developed training tools to assist staff when EFNEP upgraded to an on-line reporting system.

### ■ Robert Nudell

Research Technician  
Department of Plant Sciences

*"He is a master in teaching good field plot techniques and in handling data."*

Bob Nudell joined NDSU as an area housing supervisor in 1985 and became a custodian in 1993 and research technician in 2002.

Nudell prepares the fields, and plants, manages and harvests all the experiments in Marisol Berti's forage and biomass research program. During the winter, he coordinates the milling and processing of forage and biomass samples and organizes them for quality analysis in other labs.

In addition, he organizes forage, biomass and cover crop field days for Berti; keeps some very old equipment working well; and supervises three graduate students and three part-time undergraduate students.

## ■ Nels (Rick) Olson

Research Technician  
Hettinger Research Extension Center

*"He knows the importance of precision in this business and takes pride in doing things right."*

Rick Olson joined NDSU as a research technician in 1979.

Olson originally cared for the center's sheep, but when the center added an agronomy program, he took on the responsibility of planting, maintaining and harvesting agronomic research trials, assisting in collecting data from those trials, maintaining farm equipment and assisting with the annual Crops Day program.

He also uses his skills in working with wood and steel by manufacturing sheep-handling equipment, improving the center's agronomy facilities, repairing equipment and building rooms in the shop or lab. In addition, he trains the summer technicians.

## ■ Joan Opp

Account Technician  
Agriculture Communication

*"The Agriculture Communication Department simply couldn't function without Joan's accounting skills."*

Joan Opp joined NDSU as an account technician in 1995.

Opp, who is responsible for Agriculture Communication's accounts payable, accounts receivable and budget planning, oversees numerous accounts and keeps track of publication sales, print shop invoices, graphics and video labor charges, and grant projects.

She also works with the department's computer service specialists on purchasing computers for county Extension staff through the cost-sharing program, as well as the purchase of computers for on-campus Extension employees. In addition, she works on payroll matters, conducts financial analysis for the department director and assists the copy services manager with copier purchases.

## ■ Brandon Ostby

Research Technician  
Department of Animal Sciences

*"Brandon's knowledge, technical skill and expertise in many areas have been a huge asset."*

Brandon Ostby joined NDSU as a research technician in 2009.

Ostby provides feed for each of the department's seven farm units and operates equipment for tillage, planting, harvesting, hay and forage production and manure application. During the winter, he assists in the Beef Unit with feeding, processing and calving.

He also maintains and repairs tractors and other equipment; provides the welding, fabrication and carpentry needed in the research units; assists with sheep shearing; helps coordinate and set up for the Moos, Ewes and More program; and assists Saddle and Sirloin Club members with equipment needs.

## ■ Danelle Walker

Account Technician  
School of Natural Resource Sciences  
(Entomology)

*"Each and every day, faculty, staff and students in our school work better and work happier because of Danelle."*

Danelle Walker joined NDSU as an assistant office manager in 2003 and became an account technician in 2006.

Walker oversees grants and contracts for 14 faculty members, two staff members and more than 12 pools of departmental money; prepares and pays bills; and provides faculty with monthly summaries of their grants, contracts and appropriated dollars.

She also serves as the department's receptionist, prepares and processes student rating of instruction surveys each semester and provides Blackboard technical support. In addition, she has helped faculty develop study guides, quizzes and essay questions.

## 2011 Award Recipients

Larson/Yaggie Excellence  
in Research Award

*Senay Simsek,  
Department of Plant Sciences*

Eugene R. Dahl Excellence  
in Research Award

*Dale Redmer,  
Department of Animal Sciences*

Earl and Dorothy Foster  
Excellence in Teaching Award

*Adnan Akyuz,  
School of Natural Resource  
Sciences (Soil Science)*

H. Roald and Janet Lund  
Excellence in Teaching Award

*William Wilson,  
Department of Agribusiness  
and Applied Economics*

William J. and Angelyn A. Austin  
Excellence in Advising Award

*Kirk Howatt,  
Department of Plant Sciences*

Myron and Muriel Johnsrud  
Excellence in Extension/Outreach  
Award

*Carrie Hammer,  
Department of Animal Sciences*

AGSCO Excellence in  
Extension Award

*Ken Hellevang,  
Department of Agricultural  
and Biosystems Engineering*

Charles and Linda Moses  
Staff Award

*Mary Finseth,  
Veterinary Diagnostic Laboratory*

Donald and Jo Anderson  
Staff Award

*Sandy Erickson,  
Center for Community Vitality*

Rick and Jody Burgum  
Staff Award

*Stanley Stancyk,  
Department of Plant Sciences*

## 2012 Faculty/Staff Award Nominees

**Larson/Yaggie  
Excellence in Research Award**

Tom DeSutter  
Margaret Khaita  
Kasey Maddock Carlin  
Juan Osorno  
Shafiqur Rahman  
Saleem Shaik  
Shaobin Zhong

**Eugene R. Dahl  
Excellence in Research Award**

Anna Grazul-Bilska  
Mohamed Mergoum

**Earl and Dorothy Foster  
Excellence in Teaching Award**

Erika Berg  
Penelope Gibbs  
Siew Lim  
Alan Zuk

**H. Roald and Janet Lund  
Excellence in Teaching Award**

Paul Berg  
Janice Haggart  
Burton Johnson

**William J. and Angelyn A. Austin  
Excellence in Advising Award**

Deying Li  
Rachel Richman  
Cheryl Wachenheim

**Myron and Muriel Johnsrud  
Excellence in  
Extension/Outreach Award**

Christopher Augustin  
Andrea Bowman  
Carrie Knutson  
R. Reid Redden

**AGSCO Excellence  
in Extension Award**

Brad Brummond  
David Franzen  
Marie Hvidsten  
Trisha Jessen  
Thomas Kalb  
Mohamed Khan  
Tim Petry  
J.W. Schroeder

**Charles and Linda Moses  
Staff Award**

Kirk Anderson  
Dawn Doetkott  
Austen Germolus  
Vicki Magnusson  
Scott Swanson

**Donald and Jo Anderson  
Staff Award**

Sandy R. Erickson  
Myrna Friedt  
Paulann Haakenson  
Sharon Lane  
Cynthia Selstedt

**Rick and Jody Burgum  
Staff Award**

Susan Finneseth  
Robert Nudell  
Nels Olson  
Joan Opp  
Brandon Ostby  
Danelle Walker