Agriculture and Extension Faculty/Staff



Thursday, Dec. 10, 2015

3:00 p.m. ■ NDSU Memorial Union

Reception and refreshments immediately following the awards program



Larson/Yaggie Excellence in Research Award

This annual award established by the North Dakota Agricultural Experiment Station recognizes outstanding faculty and Research Extension Center principal investigators with 10 or fewer years of service. The recipient must have made a significant research contribution that addresses an applied problem or increases the basic knowledge of the area investigated.

■ Jason Harmon

Assistant Professor School of Natural Resource Sciences (Entomology)

"He uses the insects in agricultural systems to ask broad and important ecological questions about how changing environments alter insects and their ecology."

Jason Harmon joined NDSU as an assistant professor in 2009.

One major area of Harmon's research is how temperature impacts pest insects. He has found that raising temperatures may increase how well a pest species does in isolation and impact the performance of natural enemies that feed on and help control the pest.

An especially novel area of his research is how bacteria living in some insects help give them "super powers" that affect the insects' interactions with their environment and other species.

Harmon also investigates how new varieties of host plants can alter the behavior and ecology of herbivorous pests and new natural enemies, providing insights about the pests and beneficial insects that affect agricultural production.

He has helped generate more than \$5 million in grants, authored or co-authored 35 refereed journal articles and made 37 presentations.

Harmon holds a B.S. degree from the University of Wisconsin and a Ph.D. from the University of Minnesota.

■ Jeremy Jackson

Assistant Professor Department of Agribusiness and Applied Economics

"He is selfless and always ready to go above and beyond his job description and provide service to the department and university."

Jeremy Jackson began his career at NDSU as an assistant professor in 2009.

Jackson's research has significantly advanced the knowledge surrounding the implementation of earmarked taxation by state governments. He learned how political strategy causes politicians to use earmarking as a way to protect their favorite programs from being gutted by future governments whose policy preferences may differ from their own.

His research on the effects of economic freedom also has profound implications for North Dakota and the region. The research shows that society can enjoy the benefits of economic freedom and rest easily knowing that economic freedom is not causing the breakdown of society.

Intellectual property rights for biotechnology are another of Jackson's major research focuses.

He has authored or co-authored seven refereed journal articles and made 11 presentations. He also has helped generate nearly \$100,000 in grants.

Jackson earned a B.A. degree from Baylor University, and an M.A. degree and Ph.D. from Washington University.

■ Zhulu Lin

Assistant Professor Department of Agricultural and Biosystems Engineering

"His research addresses local and regional problems that are highly relevant at the national and global scale as well."

Zhulu Lin came to NDSU in 2008 as an assistant professor.

Through environmental systems analysis, Lin has conducted research to better understand and manage agricultural and hydrological systems to result in sustainable uses of water and soil resources.

To achieve the first objective, he has developed computer-based mathematical models and numerical methods to verify the generally understood agricultural and hydrological sciences with the field data collected from specific agricultural and hydrological systems.

For the second objective, Lin has coupled hydrological and economic models to simulate the impacts of farming practices, market behaviors and government policies on water quality and quantity under changing environmental conditions.

He has helped generate nearly \$2.2 million in grants, and has authored or co-authored 25 referred journal articles and two book chapters, and made 32 presentations.

Lin obtained B.S. and M.S. degrees from East China University of Science and Technology, and an M.S. degree and Ph.D. from the University of Georgia.

2 • 2015 Awards NDSU is an EO/AA institution

■ Kevin McPhee

Professor Department of Plant Sciences

"He is a highly respected person in the pulse crop research community nationally and internationally."

Kevin McPhee started at NDSU as an associate professor in 2008 and became a professor in 2013.

As leader of NDSU's pulse crop breeding program, McPhee has developed a solid research effort. Because of North Dakota's potential to lead the nation in chickpea production, McPhee's research on developing improved pulse crops varieties is critical to the state.

His experience in classical, molecular and population genetics, plant breeding, plant pathology and statistics have been beneficial to NDSU.

In addition to research, McPhee has taught Genetics and Crop Improvement and Applied Plant Breeding and Research Methods at the undergraduate and graduate levels, and advised graduate students and visiting international scientists.

His cooperation with other scientists has led to grants totaling more than \$5 million. He also has authored or co-authored 73 publications and 13 book chapters, and given 76 presentations.

McPhee received a B.S. degree from the University of Wyoming and a Ph.D. from the University of Idaho.

■ David Newman

Assistant Professor Department of Animal Sciences

"From a research standpoint, Dr. Newman's program is strong and well-recognized."

David Newman started his career at NDSU as an assistant professor in 2010.

Newman's research focuses on swine nutrition, muscle biology, animal welfare, retail pork quality and consumer acceptance of pork.

His experiences throughout the pork production chain allow him to work collaboratively with researchers in Animal Sciences and other departments and the U.S. Department of Agriculture's Agricultural Research Service to address issues facing the pork industry, including antibiotic residues in meat, nutritional efficiencies of feeding North Dakota communities and swine production's impact on the environment.

As a result of this research, Newman has become a nationally and internationally recognized expert in pre- and postharvest factors influencing pork quality, swine health and welfare, and consumer attitudes toward pork.

He has helped generate about \$1.3 million in grants, authored or co-authored 15 refereed journal articles and two book chapters, and made 228 presentations.

Newman has a B.S. degree and Ph.D. from the University of Missouri.

Eugene R. Dahl Excellence in Research Award

This annual award established by the North Dakota Agricultural Experiment Station recognizes outstanding faculty and Research Extension Center principal investigators with more than 10 years of service. The recipient must have a distinguished research program in basic or applied sciences that has gained significant recognition in the state, region or nation, and/or internationally.

■ Frank Manthey

Professor Department of Plant Sciences

"Dr. Manthey has been a great asset to the durum and pasta quality research program and our department at NDSU."

Frank Manthey began his career at NDSU in 1985 as a research associate and became an assistant professor in 1998, associate professor in 2004 and professor in 2013.

As the durum wheat quality specialist, Manthey has had a significant impact on the durum and pasta industries. He has been instrumental in evaluating many durum breeding lines, including some that have been introduced for commercial production.

His primary research has been durum wheat quality and end uses, but recently he expanded his efforts to the milling of grains and pulses.

A significant result of Manthey's research on incorporating flaxseed into pasta was the development of Barilla Plus, a product that contains flaxseed and pulse flour.

He has helped generate \$3 million in grants, and has authored or co-authored 65 referred journal articles and two book chapters, and made 10 presentations.

Manthey received a B.S. degree from Purdue University, and an M.S. degree and Ph.D. from NDSU.

■ Kimberly Vonnahme

Associate Professor Department of Animal Sciences

"She has built a national and international reputation for NDSU through her research, teaching and service activities."

Kim Vonnahme started at NDSU as an assistant professor in 2004 and became an associate professor in 2010.

As an animal reproductive biologist, Vonnahme evaluates blood flow to organs, especially the placenta, uterus, developing fetus and mammary glands. This improves understanding of the interaction between nutrition and the production performance of meat animals, resulting in an affordable and readily available source of high-quality protein for consumers.

She also researches how maternal dietary energy, selenium and protein affect uterine blood flow, placental function and reproductive development in cows and sheep.

Vonnahme found that the type and/or quality of livestock feed can influence the fetus's growth during pregnancy.

Her research has helped generate \$5.3 million in grants. She has authored or co-authored 114 refereed journal articles and three book chapters, and given 49 presentations.

Vonnahme earned a B.S. degree from Iowa State University, an M.S. degree from Oklahoma State University and a Ph.D. from the University of Wyoming.

■ William Wilson

Professor Department of Agribusiness and Applied Economics

"Dr. Wilson is well-known throughout both the agribusiness public and private sector, but also among other disciplines in agriculture."

Bill Wilson joined NDSU as an assistant professor in 1980 and became an associate professor in 1984, a professor in 1991 and a distinguished professor in 2007.

Because new agricultural technology involves immense upfront investments and may not result in revenues for 10 or more years, he has developed several methods that can measure the risks and strategy implications at each stage of technological and commercial development.

In the area of commodity marketing, Wilson's research focuses on the use of futures, options and contracting mechanisms to reduce exposure to risk.

His third main research focus is on logistics, including procurement and inventory strategies, and logistics management.

As a result of his research, he has helped bring in nearly \$23 million in grants. He has authored or co-authored 125 refereed journal articles and 18 book chapters, and made more than 900 presentations.

Wilson obtained a B.A. degree from NDSU and a Ph.D. from the University of Manitoba.

Earl and Dorothy Foster Excellence in Teaching Award

This annual award recognizes outstanding teaching faculty with 10 or fewer years of service in the College of Agriculture, Food Systems, and Natural Resources. The award encourages and rewards excellence in teaching at all levels and among all disciplines.

■ Teresa Bergholz

Assistant Professor Department of Veterinary and Microbiological Sciences

"Her teaching methods are effective as she makes food microbiology interesting and applicable to the average person's life."

Teresa Bergholz joined NDSU as an assistant professor in 2012.

Bergholz has made significant improvements to the classes she teaches. She converted Food Microbiology from an online to a face-to-face format and included active learning exercises, in-class discussions and case studies. She designed a lab component to complement the concepts being taught and incorporates activities with contemporary molecular tools used in the food industry.

In 2014, she replaced a less effective lab activity with one that was focused on identifying spoilage microbes using 16S rDNA sequencing. Also that year, she revised Advanced Food Microbiology so it focuses on molecular detection techniques and molecular subtyping methods for food microbes.

In addition, Bergholz developed General Microbiology II, a laboratory course on microbial diversity for microbiology majors.

Her students say she makes her class content easy to understand and they feel comfortable asking questions.

Bergholz received a B.S. degree and Ph.D. from Michigan State University.

■ Rebekah Oliver

Assistant Professor Department of Plant Sciences

"She is passionate about what she teaches and genuinely interested in helping students to achieve their full potential."

Rebekah Oliver started at NDSU as an assistant professor in 2012.

Oliver, who teaches Genetics, Genetics Laboratory and World Food Crops, believes that students learn best when they find enjoyment in what they are doing. She is good at keeping students' interest and curiosity to find "why" rather than "what" and fosters their ability to apply underlying principles to solve problems.

She also makes sure she always is available to her students. If her office hours conflict with students' schedules, she will make other arrangements to see them.

In addition, she responds to the needs of the students by scheduling evening review sessions before tests.

Her students say she comes to class prepared and has the ability to explain the most difficult and complicated topics with simple, easy-to-understand phrases and illustrations. Plus, she makes everyone feel comfortable about asking questions and participating in discussions.

Oliver holds a B.S degree and Ph.D. from NDSU.

■ Stacey Ostby

Program Co-director Department of Animal Sciences

"Stacey challenges herself and her students to offer up their best both inside the classroom and out."

Stacey Ostby began her career at NDSU as an instructor in 2009 and became co-director of the Veterinary Technology Program in 2012.

When Ostby took over teaching Introduction to Veterinary Medicine, Hospital Procedures and Information, and Ward Care, she used her years of experience in a veterinary practice to raise the level of knowledge she felt students would need to excel in the work world and incorporated more information on personal growth and professional development.

She teaches students to prepare a targeted resume and helps them interview for jobs by lining up faculty members as mock interviewers.

To make learning easier for visual learners, she uses picture-only PowerPoints so they listen to what she has to say instead of reading the presentations, and she incorporates hands-on learning in her lectures.

Her students say her willingness to help every student succeed makes her very approachable as an instructor.

Ostby earned a B.S. degree from NDSU.

Foster Award nominees continue on Page 6

■ David Roberts

Assistant Professor Department of Agribusiness and Applied Economics

"He has been successful in exploring new innovations that assist him in more effectively engaging his students."

David Roberts came to NDSU as an assistant professor in 2009.

To illustrate concepts in his
Quantitative Methods and Decision
Making and Environmental
Economics courses, Roberts writes
new example exercises every semester.
He gives students time to discuss
these exercises among themselves
during class before working through
the exercises step by step with
interaction from the students.

He often uses instructional time for interaction with small groups of students and provides feedback on specific questions as students complete quantitative exercises. He also has created instructional videos students can view outside of class.

Through his activities on the department's Undergraduate Programs Committee, Roberts has helped influence departmental curriculum to enhance student progress toward meeting learning goals.

His students say he is devoted to their success and his office door always is open for those needing advice.

Roberts obtained B.A. and M.S. degrees from the University of Tennessee, and a Ph.D. from Oklahoma State University.

H. Roald and Janet Lund Excellence in Teaching Award

This annual award recognizes outstanding teaching faculty with more than 10 years of service in the College of Agriculture, Food Systems, and Natural Resources. The award encourages and rewards excellence in teaching at all levels and among all disciplines.

■ Thomas Bon

Associate Professor Department of Agricultural and Biosystems Engineering

"The students respond well to his teaching methods and appreciate his dedication to them."

Tom Bon began his career at NDSU as a lecturer in 1989 and became a senior lecturer in 1996 and associate professor in 2010.

Through the years, Bon has taught 13 of the 20 courses the department offers. To challenge his students, he sits in on other courses and implements what he learns in his classes, and he maintains his professional engineering licensure.

He continuously updates the labs he teaches and modifies the content to better fit today's technology, and uses modern software and trainers to give students hands-on experience.

Bon takes advantage of visits with alumni to learn how the education they received from NDSU differs from the skills needed in industry. He also invites numerous industry speakers to talk to his classes to give the students a broader perspective.

His students say he is a very hands-on teacher, which makes learning easier.

Bon obtained B.S. and M.S. degrees and a Ph.D. from NDSU.

■ Robert Hearne

Associate Professor Department of Agribusiness and Applied Economics

"He has extraordinary energy, tact and shrewdness, along with empathy and willingness to help students."

Robert Hearne joined NDSU as an assistant professor in 2002 and became an associate professor in 2008.

Advanced Microeconomics is the core theory class for the department's M.S. degree programs, and Hearne sets the tone for graduate studies by giving the students rigorous and challenging assignments. During the first week, he holds a session outside of class so students can review the math they'll use during the course.

He updates material for courses to reflect current environmental policy issues and incorporates classroom simulations such as a water quality trading game.

Another feature of Hearne's classes are group assignments, which are designed to bring together the students' different strengths.

His students say he asks questions that prompt them to read their material closely and then develop ideas from what they've read.

Hearne earned a B.A. degree from Georgetown University, an M.S. degree from the University of Kentucky and a Ph.D. from the University of Minnesota.

■ Burton Johnson

Professor Department of Plant Sciences

"He creates a nonthreatening learning environment for the students to enhance their critical thinking and teamwork skills."

Burton Johnson came to NDSU as an assistant professor in 1998 and became an associate professor in 2004 and professor in 2010.

Drawing from his experience, Johnson continues modifying Principles of Crop Production, a core course for the Crop and Weed Sciences major that he has taught since 1999. The course includes more hands-on activities, and more time for group activities and in-class writing assignments.

He also updates the class to include current research topics, case studies and inquiries from producers about crop production practices. He challenges students to do smallscale experiments in each lab session.

Through his efforts, the Crop and Weed Sciences program has six labs to accommodate a growing number of students.

His students say he has a sincere desire for them to succeed, and he is passionate and knowledgeable about his subject.

He holds 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

This annual award recognizes the contributions of faculty and staff who have demonstrated excellence in advising undergraduate and graduate students enrolled in the College of Agriculture, Food Systems, and Natural Resources and/or its student organizations.

■ Clifford Hall

Professor Department of Plant Sciences

"Helping students achieve success is always his primary goal, whether it is graduation or completion of a research project."

Clifford Hall began his career at NDSU as an instructor in 1996 and became an assistant professor in 2005, an associate professor in 2009 and professor in 2015.

Although undergraduate and graduate students are the majority of his advisees, Hall also has advised high school students in the NATURE Summer Academy, North Dakota Governor's School and summer STEM research program.

In recent years, he has advised about 50 percent of the undergraduate food science students and 75 percent of the undergraduate food safety majors.

One of his greatest strengths is his ability to listen and recognize when a student is troubled and needs advice from a counselor.

His advisees say he sincerely wants them to succeed and pushes them to complete their degrees, but he also is caring and understands when situations occur.

Hall holds a B.S. degree from the University of Wisconsin, and an M.S. degree and Ph.D. from the University of Nebraska.

■ Christina Hargiss

Assistant Professor School of Natural Resource Sciences (Natural Resources Management)

"Christina always tries to emphasize the importance to students of making informed choices about their career goals."

Christina Hargiss joined NDSU as a research specialist in 2005 and became a lecturer in 2007 and assistant professor in 2015.

In addition to working with students to help them determine educational and career goals, she sees each one as a whole person, including family and personal life. She helps familiarize them with the Campus Connection and registration and records information they need.

Because of the multidisciplinary nature of Natural Resources
Management, she encourages students to take coursework outside of the program to give them the breadth they need to be successful in their chosen natural resources field.

In addition, she shows students the importance of being a part of the community through activities such as Project WET, Project Learning Tree and the Natural Resources Management Club.

Her advisees say she has a charismatic personality that allows her to relate to them.

Hargiss obtained B.S. and M.S. degrees and a Ph.D. from NDSU.

Austin Award nominees continue on Page 8

■ Elton Solseng

Instructor
Department of Agricultural
and Biosystems Engineering

"He is a dedicated adviser and a selfless person to his students and his colleagues."

Elton Solseng came to NDSU as a technician in 1972 and became an instructor in 1976.

In the past 43 years, Solseng has helped numerous students graduate on time and have a successful life afterward, and has maintained a lifelong friendship with them.

As adviser for the Agricultural Systems Management Club, he often has the students do some community service, such as repair antique tractors for the Bonanzaville Historical Museum in West Fargo, and drive tractors in the homecoming parade. The hands-on projects give students a better understanding of machines and engines that are discussed in class.

Solseng also is very knowledgeable about what classes students need to take and the order in which to take them.

His advisees say his door always is open, and they consider him a role model and friend.

Solseng earned an associate degree from the University of Minnesota Crookston and B.S. and M.S. degrees from NDSU.

■ Shelly Swandal

Student Services Director Department of Agribusiness and Applied Economics

"Shelly exemplifies the qualities that represent a strong academic adviser for NDSU students."

Shelly Swandal started at NDSU as a word processing specialist in 1986 and became an information technology coordinator in 2006 and student services director in 2008.

Officially, she advises freshmen and transfer students. However, many students prefer to go to her, even after they have moved beyond their first year at NDSU. As a result, she has guided hundreds of students through college.

Besides helping students navigate through general education and other requirements for their majors and minors, Swandal is willing to listen to their personal concerns. If she doesn't have answers to their questions, she knows whom to contact.

She also serves as a liaison between academic program committees and students, contributes to curriculum development discussions and helps prepare new faculty to be advisers.

Her advisees say she is committed to helping them achieve their academic and career goals.

Swandal received an MLS degree from Minnesota State Community and Technical College.

■ Tara Swanson

Equine Lecturer Department of Animal Sciences

"Tara gently guides advisees in the best direction to reach their goals and helps nurture ideas to facilitate future decisions."

Tara Swanson started at NDSU in 2006 as an equine lecturer.

While officially advising an average of 16 undergraduate students each semester, Swanson unofficially advises countless others, including pharmacy and nursing majors. She not only is knowledgeable about academic policies and classes, but she also is someone who is available, listens and cares.

In addition to advising students about classes, she lets them know about beneficial elective classes, internship opportunities and other opportunities on campus such as resume-writing workshops, and serves as a reference and sounding board for ideas.

Swanson also is one of the advisers for the NDSU Horsemen's Association, which averages 50 members and meets every two weeks throughout the school year, and she coaches the equestrian team.

Her advisees say she always is willing to make time to answer their questions and is a great resource.

Swanson has a B.S. degree from the University of Nebraska and an M.S. degree from NDSU.

Myron and Muriel Johnsrud Excellence in Extension/Outreach Award

The NDSU Extension Service established this annual award to encourage and reward exceptional engagement in programming and innovative Extension/outreach practices by full-time county, area and state educators with an appointment in NDSU Extension and 10 or fewer years of professional experience. This includes work in a professional position prior to being hired by NDSU Extension and experience as an NDSU Extension employee. The recipient receives a professional development stipend that Extension administration matches.

■ Sheldon Gerhardt

Extension Agent Logan County

"Sheldon is very connected in his county and is constantly listening to the needs of his clientele and developing programming accordingly."

Sheldon Gerhardt joined NDSU as an Extension agent in training in 2006 and became a research specialist in 2007 and an agent in 2008.

As an agent in a small county, Gerhardt has worked hard to attract people to his programs. He has gotten Master Gardeners to help with hands-on projects benefitting the county, including a courthouse beautification effort.

He has teamed up with other agents to provide hands-on weed identification and experiential learning through weed control scenario exercises. He also has cooperated with Extension specialists on weed control and hay sampling studies in his county, allowing him to incorporate the collected data into his winter programming.

While educating producers about the farm bill, Gerhardt asked them about their other needs to help him develop other programming.

His strong relationships with the schools in Logan County helped him recruit 4-H members and build a strong archery program.

Gerhardt holds a B.S. degree from NDSU.

■ Lindsay Maddock

Extension Agent Wells County

"The NDSU Extension Service program is strengthened with Lindsay as an employee."

Lindsay Maddock came to NDSU as an Extension agent in 2011.

Seeing the need for a formal process to determine county residents' educational needs, Maddock helped form the Wells County Advisory Council. Based on council feedback, she has held programs such as youth leadership development and Ag in the Gym, which educates youth about agriculture, nutrition and food safety.

Maddock and her fellow agents in Foster and Eddy counties conducted the first of five Design Your Succession Plan pilot programs. Their experiences helped update the program for its statewide release.

After participating in a statewide corn establishment trial to determine the effects of production issues such as planting dates and planter settings on crop yield, she presented the trial's results at the 2014 Central Dakota Ag Day.

She also helped arrange for 4-H biosecurity training prior to the county fair because of the porcine epidemic diarrhea virus.

Maddock earned a B.S. degree from NDSU.

■ Andrew Robinson

Extension Potato Agronomist Department of Plant Sciences

"His output has been impressive, his research has been well-targeted and his approaches to reaching the grower innovative."

Andrew Robinson started at NDSU as an assistant professor and Extension potato agronomist in 2012.

Knowing timely information is important to producers, Robinson designed and implemented an innovative, integrated social media strategy to educate them about potato production issues. His NDSU/University of Minnesota Potato Extension webpage is a one-stop resource.

He took NDSU's Blightline to the next level by developing new ways to disseminate information about late and early blight outbreaks through the Web, social media and mobile phone text alerts.

After discovering that reduced yield and quality in edible-market potatoes and reduced emergence in seed potatoes was the result of residue from glyphosate in potato seed, Robinson developed a program to reduce the herbicide injury.

He also developed the Potato Scout School, which trains Extension agents, local agronomists and producers on pest identification and sampling methods.

Robinson obtained a B.S. degree from Brigham Young University, and an M.S. degree and Ph.D. from Purdue University.

■ Abbey Wick

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

"Her impact has been profoundly positive in the farmer's perception of the relevance of the NDSU Soils Department and Extension Service."

Abbey Wick joined NDSU as an assistant professor and Extension soil health specialist in 2012.

As leader of the soil health team, Wick works to reduce salt effects on agricultural land, better identify crop tolerance to different salt levels, reduce sodium in soils, promote the use of cover crops as salt reduction and soil-building strategies, and reduce soil erosion.

She collaborates with other Extension specialists and agents to hold demonstration projects that will lead to updated recommendations on reducing salt and sodium in soils.

Wick also uses a variety of other methods to reach her audience, including Web pages, Facebook, Twitter, news releases, videos and morning coffee get-togethers in counties.

She has developed excellent working relationships with producers, land-owners, county agents, specialists at other universities, commodity groups, and state agencies and organizations interested in soil health.

She received B.S. and M.S. degrees from the University of Denver and a Ph.D. from the University of Wyoming.

AGSCO Excellence in Extension Award

The NDSU Extension Service established this annual award to encourage and reward significant accomplishments and excellence in Extension work by full-time county, area and state educators who have an appointment with NDSU Extension and 11 or more years of professional experience. This includes work in a professional position prior to being hired by NDSU Extension and experience as an NDSU Extension employee.

■ Carl Dahlen

Extension Beef Cattle Specialist Department of Animal Sciences

"Dr. Dahlen has made extensive efforts to establish a presence throughout the state and understand the needs of beef producers."

Carl Dahlen joined NDSU as an assistant professor and Extension beef cattle specialist in 2010.

Through formal and informal needs assessments, Dahlen has developed a number of programs and teaching tools, including the PregCard system. Veterinarians collect information when they pregnancy check cattle and send the data to NDSU on postcards. The information can help producers improve their herd's reproductive performance.

A statewide survey he helped develop showed how beef producers perceive the future of the beef industry and will help him develop educational programs to meet North Dakota beef producers' needs.

Dahlen also is leading a breeding systems project that evaluates techniques and management practices that enhance reproductive performance.

In addition, he developed a novel training method for early career Extension agents to help them better serve the state's livestock producers.

Dahlen obtained an A.A. degree from Northland Community and Technical College, and B.S. and M.S. degrees and a Ph.D. from the University of Minnesota.

■ Thomas Kalb

Extension Horticulturist Department of Plant Sciences

"Tom Kalb conducts transformational Extension programming at its best."

Tom Kalb began at NDSU as an Extension horticulturist in 2008.

Seeing the need to provide new agents with horticultural training, Kalb helped initiate a weekly horticulture/forestry Web conference for specialists and agents to share photos of symptomatic plants and advice on diagnosing emerging pests and disorders.

To extend horticultural information beyond the NDSU campus, he organized Spring Fever Garden Forums, which use Web conferencing technology to connect NDSU speakers to audiences across the state, and the Dakota Garden Expo, the state's largest garden show.

Kalb also assembled a team of 450 North Dakota families to evaluate vegetable, herb and flower varieties to help home gardeners select superior varieties.

In addition, he works through the NDSU Junior Master Gardener Program to combat obesity and lack of physical fitness among youth.

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.

■ John Nowatzki

Extension Agricultural Machine Systems Specialist Department of Agricultural and Biosystems Engineering

"Cooperation, teamwork, creativity and use of new technology are the cornerstones of his educational programs."

John Nowatzki started his career at NDSU as an Extension water quality specialist in 1994 and became an agricultural machine systems specialist in 2006.

Nowatzki leads three research and Extension projects evaluating the use of unmanned aerial systems (UAS) in crop and livestock production. These projects involve many partners and collaborators.

His educational programming also focuses on precision agriculture, remote monitoring, chemical application, conservation tillage, farm safety and machinery. He participates in or leads research and demonstration projects in these areas, and he often presents information on agricultural technology at meetings throughout North Dakota and the U.S.

Nowatzki is a leader in organizing the annual precision agriculture summit in Jamestown, and he coordinates field demonstrations and associated educational presentations at the Big Iron Farm Show in West Fargo.

In addition, he is co-leader of eXtension's Map@Syst community of practice, and he helped establish an eXtension learning community for UAS.

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

■ Rita Ussatis

Extension Agent Cass County

"Rita has always strived to develop programming in response to local and statewide needs."

Rita Ussatis began at NDSU as an Extension agent for Pembina and Cavalier counties in 1987, then served as a Food and Nutrition Program assistant, Expanded Food and Nutrition Education Program developer and agent in Walsh County before moving to Cass County in 2000.

Realizing that diabetes is a growing problem in North Dakota, Ussatis became a certified lifestyle coach through the National Diabetes Prevention Program and has collaborated with local dieticians and health organizations to deliver diabetes-prevention programming.

To help caregivers for older adults become better in that role, she brought the Powerful Tools for Caregivers program to North Dakota and teamed up with another certified life coach to deliver it.

Other programs Ussatis delivers include food preservation and financial management education for youth and adults.

She also works with other agents to provide stress management programming, pesticide trainings, crop and livestock updates, and 4-H leadership training.

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

Charles and Linda Moses Staff Award

This annual award, established by the Office of the Vice President for Agricultural Affairs, recognizes significant contributions to the mission of NDSU Agriculture and/or Extension by professional staff on and off campus. The recipient must have at least three years of continuous service in a staff position with an appointment in the College of Agriculture, Food Systems, and Natural Resources; North Dakota Agricultural Experiment Station; or NDSU Extension Service.

■ Steven Anderson

Sheep Unit Manager Department of Animal Sciences

"Through his commitment to the Department of Animal Sciences, his efforts at the sheep unit have accomplished many achievements."

Steven "Skip" Anderson became the NDSU sheep unit manager in 2009.

As manager, he is involved with flock feeding, breeding and management, and is responsible for lambing, neonatal care and managing the replacement of rams and ewes. He also oversees equipment maintenance and the upkeep of the facilities.

In addition, Anderson trains student employees, provides the right animals for classroom instruction, developed and teaches the Livestock Sales and Marketing course, and conducts or assists with judging workouts and contests for college students and youth of all ages from throughout the region.

For faculty research programs, he keeps meticulous records of feed consumption, animal growth performance and pregnancy status. He also makes sure animal care complies with standards and monitors employees to ensure they are working safely.

Anderson earned a B.S. degree from NDSU.

■ Joel Bell

Research Specialist School of Natural Resource Sciences (Soil Science)

"Joel's professional qualities should be an example for others in the Soil Science Department and the School of Natural Resource Sciences."

Joel Bell joined NDSU as a research specialist in 1991.

Working with the assistant professor of soil health's research projects, Bell conducts or supervises lab and field work. That includes implementing new and established methods of quantifying biological, physical and chemical indicators of soil health, and land management practices and evaluating soil salinity/sodicity.

Bell also has contributed to many programs by maintaining equipment, trouble-shooting problems with specialized instrumentation such as the solid sample carbon analyzer, and building and repairing equipment such as temperature and moisture sensors, and field plot research equipment.

In addition, he has co-authored 11 publications and did most of the planning for benches and work spaces to accommodate a variety of research, teaching and demonstration activities in a research/teaching laboratory that was renovated recently.

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

■ Shelley Horne

Research Specialist Department of Veterinary and Microbiology Sciences

"Shelley is an intelligent, insightful scientist, which undoubtedly makes her an excellent asset to her laboratory."

Shelley Horne came to NDSU as a research associate in 1998 and became a research specialist in 2004.

Horne has several responsibilities, including designing, performing and analyzing experiments for her research project and occasionally for students' projects, and helping write peer-reviewed journal articles and grant requests.

In her lab management role, she maintains a collection of more than 10,000 bacterial strains, is responsible for lab safety and ordering of lab supplies, coordinates the use of instruments, and serves on the department's space and equipment committees.

She also is the primary adviser for all undergraduate and graduate students in Birgit Pruess' lab. In addition, she supervises numerous other students in the lab and maintains the safety records for the department.

Horne obtained B.S. and M.S. degrees and a Ph.D. from the University of North Dakota.

■ Dallas Morlock

Computer Programmer North Dakota Agricultural Weather Network (NDAWN)

"His efforts have provided significant contributions to agriculture and other industries in North Dakota."

Dallas Morlock began his career at NDSU as a computer programmer in 2000.

Morlock developed and maintains a database that collects and stores weather observations from the more than 80 reporting sites in the NDAWN system.

He also maintains the NDAWN website. It provides tables, maps and graphs of weather observations stored in the database and applications that use this information to calculate results from research-based models. That includes applications to predict the occurrence of pest infestations and crop diseases, which help producers make better decisions about applying pesticides and fungicides.

To give NDAWN users a visual interpretation of the soil temperature variations and an estimation of the frost depth, he developed a Web application that creates a graph of deep soil temperature data in a tabular format.

Morlock received a B.A. degree from Jamestown College.

■ Nurun Nahar

Research Specialist Department of Agricultural and Biosystems Engineering

"Ms. Nahar has had an absolutely vital role in ensuring the success of the lab over the past seven years."

Nurun Nahar joined NDSU in 2008 as a research specialist.

As manager of the day-to-day operations of Scott Pryor's biomass conversion research laboratory, she ensures the safety of personnel and equipment. She trains, works with and oversees students and scientists on the use of equipment and chemicals.

Nahar also makes sure the laboratory equipment operates properly. Because she understands research needs and the condition of the lab's equipment, she can recommend and purchase equipment to keep the lab running smoothly.

In addition, she conducts experiments. As a result, she has been involved in writing 11 journal articles and was the author or co-author of more than 20 presentations, posters and reports.

Nahar has a B.S. degree from the University of Dhaka and M.S. degrees from the University of Dhaka and University of Manitoba.

■ Kevin Rue

Turfgrass Research Specialist Department of Plant Sciences

"Kevin is a valued staff member who continuously contributes to the success of agriculture in the state of North Dakota."

Kevin Rue became a turfgrass research specialist at NDSU in 2008.

Rue assists in turfgrass research, including field/greenhouse preparation, seeding, watering, mowing, fertilization, pesticide applications, collecting data and maintaining a record of management practices. He is responsible for a four-acre field with multiple research projects, each requiring different management practices.

The department recently collaborated with canola and barley breeders to screen stress-tolerant germplasms, and he worked on the project with technicians in those programs.

Coworkers and industry personnel often ask for his advice.

He also supervises and trains graduate and undergraduate students in research projects, and has helped set up projects for the NDSU Governor's School program and mentor the students. In addition, he is able to modify or make tools needed for research projects.

Rue holds a B.S. degree from Iowa State University.

Moses Award nominees continue on Page 14

■ Deb Tanner

Publication Coordinator/designer Agriculture Communication

"Deb's creativity and talent turn even the most routine brochure or publication into an inviting, easy-to-read piece."

Deb Tanner began her career at NDSU as a graphic artist in 1978 and became publication coordinator/designer in 1989.

Throughout her career, Tanner has designed thousands of publications, newsletters, logos, packaged educational programs (PowerPoints, leaders guides, informational handouts, activity guides and evaluations), brochures, posters and other promotional material for NDSU Agriculture and Extension events and programs.

In addition to making printed and online materials eye-catching and easy to read, Tanner trains, consults with and mentors NDSU researchers, Extension area and state specialists and agents, and faculty and staff in other campus departments to help them develop visually interesting and readable material.

She has designed several award-winning pieces, and her clients say her work is as good as, if not better than, what they've seen in other states.

Tanner earned an associate degree from Northwest Technical College.

Donald and Jo Anderson Staff Award

This annual award, established by the Office of the Vice President for Agricultural Affairs, recognizes significant contributions to the mission of NDSU Agriculture and/or Extension by clerical staff on and off campus with at least three years of continuous service. The recipient must be in a staff position with an appointment in the College of Agriculture, Food Systems, and Natural Resources; North Dakota Agricultural Experiment Station; or NDSU Extension Service.

■ Kamie Beeson

Information Systems Management/ Secretarial Support Services Department of Plant Sciences

"Her talents and skills have improved the visibility and promotion of the Department of Plant Sciences."

Kamie Beeson joined NDSU in information systems management/secretarial support services in 2010.

Beeson has been instrumental in making the department more visible on the Internet and social media, and easily accessible on mobile devices. Each month, more than 4,000 people see the Facebook posts, and the department has 425 Twitter followers.

Seeing the need for a more modern and professional way to display department and college announcements, awards and events, she became actively involved in bringing digital signage to the department.

In addition, Beeson provides support to instructors and students on the use of Tegrity, Skype, Blackboard Collaborate and WebEx, and helps maintain the Loftsgard Interactive Video Network system. She has written instructions on how to use the system, as well as departmental computers, projectors and other technology in classrooms and meeting rooms.

■ Jeralyn Fischer

Administrative Assistant Extension Office, Burleigh County

"Without Jeri, we would not be where we are today – fully staffed and positioned to succeed as a team."

Jeri Fischer came to NDSU as an administrative assistant in 2005.

In the past five years, Fischer has provided support through the resignation and hiring of 10 agents, five support staff and nearly 20 interns. She oversees support staff and interns' day-to-day assignments and makes sure their workloads are balanced and appropriate.

She also manages the 4-H building that houses the county Extension staff and the Menoken Grove 4-H Picnic Park, including all rental agreements, and is the liaison with the 4-H building committee, county commissioners and staff. She has taken the lead on several 4-H project days and provided fun, hands-on learning opportunities for youth.

In addition, Fischer manages grants, the county budget and all expenses, as well as serving as the point person for news releases and other communication with the news media.

■ Myrna Friedt

Administrative Assistant Carrington Research Extension Center

"Myrna is very devoted to NDSU Agriculture's efforts to address the needs and issues that challenge our state's constituents."

Myrna Friedt began at NDSU as an administrative secretary in 1999 and became an administrative assistant in 2000.

As the center director's main go-to person, Friedt manages the department's biennial budget of more than \$9.5 million and assists with program implementation. She tracks the expenditures for each fund and provides the director with reports of fund activity and balances. To assist program leaders, she helps prepare reports, communications and research grant applications.

Throughout the year, she is the main support staff who works with the department's team of researchers to prepare reports for granting agencies, producers, Extension colleagues and constituents.

Friedt also assists the director with personnel management, purchase justifications, inventory management, facility safety inspections, and crop insurance and farm program reporting, and provides support for the management of the center's foundation seedstocks program.

■ Linda Hammen

Office Administrator Extension Office, Grand Forks County

"Linda is the picture of professionalism and shows the public this at all times."

Linda Hammen started at NDSU as a 4-H support staff member in 1992 and became an office administrator in 2002.

In addition to providing office management and administrative support to the office chair and Extension agents, Hammen supervises the other support staff and has taken on administrative responsibility for numerous statewide projects, including Annie's Project and the North Dakota farm/ranch succession planning projects.

She also is the go-to person for all financial aspects of the Extension office, and her work with the Gardening Saturday program is one reason it has been successful.

Hammen's other duties include overseeing the county's Extension pesticide program, maintaining the office's website, providing technical support for the Interactive Video Network and other conferencing, editing publications, designing and preparing brochures and bulk mailings, and supervising and assisting in training office support staff.

■ Char Kuss

Administrative Secretary
Department of Animal Sciences

"Char is always willing to try a new project and help out where she can."

Char Kuss joined NDSU as an administrative assistant in 1995 and became an administrative secretary in 2013.

As administrative secretary for the Veterinary Technology program, Kuss is the first person people see when they enter Robinson Hall. She assists the program's co-directors, other faculty, staff and students, and interacts with outside customers and vendors.

She helps make sure materials are ready for courses, assists students with course permissions, handles key and card access for the building, serves on the safety committee, orders supplies, assists with grade input as needed, helps with field trip and travel arrangements, and produces a newsletter to share what students and faculty are learning.

Kuss also maintains the building library and safety information, coordinates the equipment inventory, submits textbook adoptions, assists with preparing materials for accreditation and helps with departmental events.

Anderson Award nominees continue on Page 16

■ Sharon Lane

Distribution Center Manager Agriculture Communication

"Sharon continually strives to find ways for her and her staff to do their work more efficiently, accurately, quickly and cost-effectively."

Sharon Lane began her career at NDSU as a receptionist/event scheduler in 1977 and became an office manager in 1980 and Distribution Center manager in 1986.

To make her job of managing the center's more than 850 printed and online publications go more smoothly, Lane developed a tracking system that lets authors know when a publication expires, the original amount printed and number still on hand.

She also oversees the publication process for NDSU Agriculture and Extension educational materials. She advises Extension specialists and others on the procedures for providing text, photos and graphics for their educational materials and tracks the materials throughout the editing, design and printing process.

In addition, Lane oversees the sale and distribution, nationally and internationally, of publications through the Distribution Center and helped develop e-Market, an online ordering system.

■ Edith Nelson

Information Processing Specialist Department of Agribusiness and Applied Economics

"She has earned the trust and respect of the research staff and faculty in the department."

Edith Nelson started at NDSU as an administrative secretary in 2003 and became an information processing specialist in 2007.

The move to Barry Hall was a challenge, but as telephone counselor, she made sure everyone had his or her phone connected in a timely manner.

As the go-to person in the department, she handles a number of tasks, including formatting faculty research reports and other documents, submitting research reports to online databases, assisting faculty with coursework, producing the annual departmental newsletter, answering general questions or directing callers to the best person to answer those questions, and maintaining the department's website.

Nelson also assists faculty, researchers and graduate students by proofreading documents for grammar and sentence structure, serving as a resource on general software issues and acting as the backup for the administrative secretary.

Rick and Jody Burgum Staff Award

This annual award, established by the Office of the Vice President for Agricultural Affairs, recognizes significant contributions to the mission of NDSU Agriculture and/or Extension by support staff in technical and paraprofessional, crafts/trades or services positions on and off campus with at least three years of continuous service. The recipient must be in a staff position with an appointment in the College of Agriculture, Food Systems, and Natural Resources; North Dakota Agricultural Experiment Station; or NDSU Extension Service.

■ Kevin Beauchamp

Agricultural Research Technician Langdon Research Extension Center

"Kevin's involvement with the Foundation Seedstocks program has indeed assisted NDSU to accomplish its mission to the citizens of North Dakota."

Kevin Beauchamp began his career at NDSU as a laborer in 1981 and became a research technician in 1984.

He is involved in foundation seed production, including field selection, seasonal planning, planting, fertilizing, applying pesticide, identifying and removing rogue plants, harvesting, processing dirty seed into foundation-grade seed and providing accurate inventory control of saleable seed.

With his experience and knowledge, Beauchamp is able to keep the center's 60-plus-year-old seed cleaning plant operating at its peak performance.

He also supports small-plot research by preparing land for cultivated crops, orchards and horticultural plantings; preparing laboratory samples for analysis; collecting crop samples; identifying pests or weeds, selecting chemicals and application methods, scheduling applications and training operators; and operating specialized farm machinery.

Beauchamp's knowledge of canola production makes him a source of technical information for canola producers.

■ Justin Gilbertson

Agriculture Research Technician Department of Animal Sciences

"He is an excellent farm worker whose versatility allows him to work with a wide variety of different projects and individuals."

Justin Gilbertson joined NDSU as research technician in 2009.

As a research technician at the Animal Nutrition and Physiology Center, he has the unique position of working with beef, dairy, sheep, swine and rodents, and most of the Animal Sciences Department staff and faculty. Having eight to 12 projects in progress at the same time is common.

Gilbertson's primary role is caring for the livestock. That includes training, guiding and directing student workers and advising project leaders.

He also is responsible for maintaining research buildings, equipment and machinery. His mechanical, welding and design skills have proven invaluable multiple times when he has had to manufacture or redesign equipment to meet project needs.

In addition, Gilbertson's diligence in maintaining the building, grounds and equipment has allowed the center to host tours, classes and labs.

■ David Hanson

Agricultural Research Technician Department of Plant Sciences

"Dave Hanson is the driving force that gets the field work done on the NDSU Soybean Breeding Project."

David Hanson came to NDSU as a research technician in 2002.

Hanson assists the soybean plant breeder in developing improved varieties by helping organize and conduct scientific research. He helps plan experiments, including selecting the appropriate procedures or methods.

He also serves as lead technician and coordinates the other project technicians' daily tasks. His duties include mapping experiments and supervising the preparation of seed for planting.

Because of his expertise as a mechanic and welder, he was able to make two research planters out of a used eight-row planter the department purchased, and the soybean breeding project personnel were able meet their deadline of planting 15,000 yield trial plots and 25,000 nursery rows in seven days.

Hanson's innovation in how to flag and mark fields was another reason the 2015 planting season was a success.

Burgum Award nominees continue on Page 18

■ Terri Lindquist

Finance Paraprofessional Hettinger Research Extension Center

"Terri is involved with all of the finances at the HREC, from expenses and income to payroll."

Terri Lindquist started at NDSU as an administrative secretary in 1986 and became a finance paraprofessional in 2008.

Lindquist transitioned the center to a digital financial system, doing it on her own, 350 miles from campus and the support it provided.

She is responsible for maintaining all of the financial records and accounting for the business activities at the center. That includes receiving payments and preparing daily deposits, preparing billing statements and invoices, preparing and reviewing purchase orders, maintaining the inventory of supplies and materials, and assisting in preparing the budget and annual fiscal reports.

When a center director was hired in 2006, she helped him learn the PeopleSoft system and mentored him on management of the staff, who had been at the center for nearly 25 years.

Lindquist also supervises the administrative secretary.

■ Judith Moe

Account Technician Department of Agribusiness and Applied Economics

"She developed an excellent approach to manage millions of dollars from salaries, grants and contracts, and donations."

Judy Moe joined NDSU as a clerical worker in 1969 and became an account technician in 1979.

As account technician, she is responsible for the department's financial accounts, payroll and operating budgets, and manages millions of dollars in salaries, grants, contracts and donations. Summer workers are paid efficiently and on time, and faculty receive their travel expense reimbursements quickly because of her efforts.

Moe also is the primary contact and adviser on department and university policies and procedures. She makes sure faculty and staff are updated on required training.

Her other duties include serving as supervisor for support staff hiring and performance evaluations, and ordering and maintaining office supplies. She maintains direct contact with office suppliers to ensure price and quality control.

In addition, Moe handles the Commodity Trading Room's budgets and expenditures.

■ Agnes Vernon

Graphic Designer Agriculture Communication

"Simply put, Agnes takes other people's words and makes them look good, enticing readers to want to dig into the content."

Agnes Vernon started at NDSU as a graphic designer in 1988.

As the chief designer for Print and Copy Services work that needs graphics help, she formats postcards so the address merges correctly, lays out newsletters, inserts official logos, adds a legal statement to publications, and makes adjustments for cutting or folding.

Vernon also designs many types of printed and online material, such as workshop brochures, fill-in-the-blank forms, Extension publications, multipage newsletters, posters and postcards. She uses her talents and various software programs to develop a product that grabs attention, is easy to read and accomplishes its purpose.

Her other responsibilities include designing business cards, letterhead, envelopes and note cards for the campus community, field offices and Bison Athletics.

Vernon also is diligent about following university standards for colors, fonts, legal information and consistencies.

■ Danelle Walker

Account Technician School of Natural Resource Sciences

"Danelle works behind the scenes so seamlessly that one may not truly understand all that she does."

Danelle Walker began her career at NDSU as assistant office manager in 2003 and became an account technician in 2006.

As account technician, she assists the school's director in determining annual budgets. She also prepares reports, balance sheets, direct-payment vouchers to vendors, travel expense vouchers for faculty and staff, and billings and other financial paperwork for faculty in the Entomology Department, and Natural Resources Management and Range Science programs.

Her organizational skills allow her to prepare payments and reimbursements for vendors and employees quickly to ensure the school is in good financial standing.

Walker also manages appropriated, grant and local money for faculty and staff to make sure research, teaching and Extension activities succeed.

Knowing that ordering equipment and getting it delivered takes time, she assists faculty with their ordering months before their grants end.

2014 Award Recipients

Larson/Yaggie Excellence in Research

> Marisol Berti, Plant Sciences

Eugene R. Dahl Excellence in Research

> Phillip McClean, Plant Sciences

Earl and Dorothy Foster Excellence in Teaching

Ryan Larsen, Agribusiness and Applied Economics

H. Roald and Janet Lund Excellence in Teaching

Rachel Richman, Veterinary and Microbiological Sciences

William J. and Angelyn A. Austin Excellence in Advising

Jeremy Jackson, Agribusiness and Applied Economics

Myron and Muriel Johnsrud Excellence in Extension

Christina Rittenbach, Stutsman County Extension

AGSCO Excellence in Extension

Linda Hauge, Center for 4-H Youth Development

Charles and Linda Moses Staff Award

> James Jordahl, Plant Pathology

Donald and Jo Anderson Staff Award

> Linda McCaw, Agriculture Communication

Rick and Jody Burgum Staff Award

> Robert Baumann, Plant Sciences

2015 Faculty/Staff Award Nominees

Larson/Yaggie Excellence in Research Award

Jason Harmon Jeremy Jackson Zhulu Lin Kevin McPhee David Newman

Eugene R. Dahl Excellence in Research Award

Frank Manthey Kimberly Vonnahme William Wilson

Earl and Dorothy Foster Excellence in Teaching Award

Teresa Bergholz Rebekah Oliver Stacey Ostby David Roberts

H. Roald and Janet Lund Excellence in Teaching Award

Thomas Bon Robert Hearne Burton Johnson

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

Clifford Hall Christina Hargiss Elton Solseng Shelly Swandal Tara Swanson

Myron and Muriel Johnsrud Excellence in Extension/Outreach Award

Sheldon Gerhardt Lindsay Maddock Andrew Robinson Abbey Wick

AGSCO Excellence in Extension Award

Carl Dahlen Thomas Kalb John Nowatzki Rita Ussatis

Charles and Linda Moses Staff Award

Steven "Skip" Anderson
Joel Bell
Shelley Horne
Dallas Morlock
Nurun Nahar
Kevin Rue
Deb Tanner

Donald and Jo Anderson Staff Award

Kamie Beeson Jeralyn Fischer Myrna Friedt Linda Hammen Char Kuss Sharon Lane Edith Nelson

Rick and Jody Burgum Staff Award

Kevin Beauchamp
Justin Gilbertson
David Hanson
Terri Lindquist
Judith Moe
Agnes Vernon
Danelle Walker