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August 2002

Extended Visions July-August 2002

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July/August 2002



A publication of the University of Nebraska Agricultural Research & Development Center and University of Nebraska Cooperative Extension in Saunders County Vol. 6, No. 4

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ARDC Director's Comments

The Price of Change

by Daniel J. Duncan, ARDC Director

Have you been to the Research and Education Building at the ARDC recently? Well, if you have, you might be one of the many people commenting on the appearance of our landscape at the main entrance—none of which has been positive. It is pretty ugly on the west side of the building right now.

When we were building the R&E Building, you might remember that the first bid we received was over budget so the building was redesigned and rebid. In this process, the funds for the landscaping were pulled out of the main bid and listed as an alternative. Not surprisingly, funds were not sufficient to implement the landscaping plan.

As a result of this, we planned to install a low maintenance landscape that would require little water and other inputs. This plan worked well for the first few years...rainfall was abundant. However, the past two dry years devastated much of the plant material, especially in areas that did not receive shade. It became obvious last fall that we needed to change our philosophy and put more resources into the landscape.

In July, a vendor will install an irrigation system that will enable turf and ornamental areas to receive adequate moisture. Once this is installed, we will implement a new landscaping plan that can take advantage of this change. However, in the interim, the landscape will look worse before it looks better...the price of change.

Not all landscape, however, at the R&E Building is in this poor shape. The Ken Good Courtyard is absolutely stunning!!!! Stop by and take a look at this hidden beauty.

Please have patience with us. We will make the entrance to the R&E Building stunning as well. It will just take some time. □

Golf for a Good Cause!

Grab your golf clubs, gas up the cart and get ready to golf for a good cause! Golf Challenge 2002 will benefit the Adventures in Mentoring Program and the Wahoo Lions Club. The tournament will be held on Saturday, July 20 at 8 a.m. at the Hilltop Country Club in Wahoo. Registration deadline is July 12.

This 4-man scramble is limited to 18 teams – so get your team together and register today. All proceeds will be used to support the Adventure in Mentoring Program and the Wahoo Lions Club.

Registration fee is \$250 per team. This includes a fun day of golf, food and drink. There will be prizes awarded at every hole. And check out these great prizes for the top 3 teams: First Place - \$250; Second Place - \$150; and Third Place - \$100.

The event is sponsored by the Adventures in Mentoring Program, the Wahoo Lions Club and other business sponsors. □

ARDC FEATURE



VETERINARY & BIOMEDICAL SCIENCES

Research of VBMS

Article content provided by Jack Schmitz, NU Veterinary and Biomedical Sciences Department

What do you think of when you hear the term “veterinary science”? Maybe you think about the veterinarian who tends to large animals. Or perhaps you think about taking a pet in for shots. But do you equate the term with all of the behind the scenes research? When you hear the words anthrax, E. coli, antimicrobial resistance or food safety, do you think about veterinary science? These are only a few of the areas of study that fall into the field of veterinary science. Research and ongoing studies play an integral role in veterinary medicine.

The University of Nebraska Veterinary and Biomedical Sciences (VBMS) Department primarily focuses on infectious diseases. Infectious diseases caused by well-known pathogens, as well as newly emerging pathogens have an increasingly profound effect on human and animal health. Many pathogens which cause disease in livestock have similar counterparts which affect human beings and cause disease. Additionally, many molecular commonalities are recognized between plant and animal biology, including infectious agents that plague the plant and animal kingdoms.

It is becoming increasingly clear that to control the spread of infectious diseases, we need a greater understanding of how pathogens interact with the host, how the host responds to these pathogens, how pathogens persist outside the host in the environment and how they are transmitted to susceptible hosts.

In order to facilitate this research – a specific pathogen free (SPF) cattle herd is maintained at the ARDC to study infectious diseases. The herd is free of two viral pathogens that are common in Nebraska, BVD and IBR, as well as bovine leukemia virus which is less common in Nebraska but important in some herds. Special safety precautions are taken to ensure that the cattle do not come in contact with other animals. This includes several double fenced pastures, with a buffer zone between the fences to prevent nose-to-nose contacts with outside animals.



A specific pathogen free (SPF) herd is utilized to study infectious diseases.

Research of VBMS - Continued on Page 2

Crop Production Field Day

Friday, July 19 * 9 a.m. - 1:30 p.m.



The Crop Production Field Day is an opportunity to see firsthand field demonstrations that address crop management systems on your farm.

Questions that you, as a decision maker, face during the growing season that affect your operation's profitability will be addressed.

Join us for a half-day of crop production **QUICK HITTERS** with the University of Nebraska and agri-industry agronomists. Watch for more details!

Call NU Cooperative Extension at (402)624-8030 or (800)529-8030 for details. □

Mid-Summer Crop Diagnostic Clinic - July 18

Agribusiness professionals and crop producers will learn from taking a close-up look at field conditions, research and techniques at a July 18 crop management clinic. The training will be held at the University of Nebraska Agricultural Research and Development Center near Mead from 7:45 a.m.-4:30 p.m.

The clinic is an excellent opportunity to gain firsthand, in-field experience. Participants learn from noted subject matter specialists in areas important to crop production profitability.

The diagnostic clinic will cover: making important crop production decisions, soybean pest, sprayer management, fertilizer application equipment, hand-on crop nutrient management plan decisions, herbicide mode of

Mid-Summer CMDC - Continued on Page 3





Festival Teaches Youth About Natural Resources

NU Extension Educators, Bob Meduna and Lance Brown presented at the the Spring Conservation Sensation this spring. This all-day natural resources festival attracted over 400 fifth and sixth graders from Butler, Colfax, Dodge, Platte, and Saunders counties.

The Lower Platte North NRD sponsors the event that was held at the Saunders County Fairgrounds due to inclement weather. In better weather conditions, the event is held at Czechland Lake Recreation near Prague. Students spend the day in hands-on educational activities focusing on water, wildlife, forestry, geography, and more.

Nearly 3,000 students have attended the Spring Conservation Sensation since its inception in 1991. Presenters are from various local, state and federal agencies. Members of local FFA chapters serve as guides. □



Students try their hand at casting fishing lines at the festival in Wahoo.



Blaine Clowser

Meet the VBMS Employees

■ **Blaine Clowser** is the manager at the Veterinary and Biomedical Sciences research area at the ARDC. Blaine and his wife, Sharon, live near Seward. They have two daughters. Blaine is also an active member of the Air National Guard.



Ben Bergman, Jr.

■ **Ben Bergman Jr.** is a research technician at the research area. Ben serves as a herdsman, oversees feeding and care of the cow herd and individual investigator's cattle. He also is an equipment operator and does maintenance jobs on site facilities and fences at the research area. He and his wife, Jackie, live near Ithaca. He is also a member of the Saunders County Livestock Association.



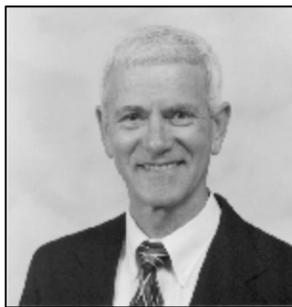
Bryce Martin

■ **Bryce Martin** performs many of the same duties as Ben, but will be serving as manager while Blaine is on active duty. Bryce and his wife, Valerie, live near Ithaca. Bryce has a very successful Berkshire hog herd and markets many 4-H and FFA show hogs. □

Behind the Research

The University of Nebraska Veterinary and Biomedical Sciences (VBMS) Department is involved in research, teaching, extension and diagnostic service

throughout Nebraska. Overseeing those functions is Jack (John) Schmitz. Schmitz is a professor with the University's Veterinary and Biomedical Sciences Department and serves as Department Head. He received his doctoral degree in Veterinary Medicine from Colorado State University, a doctoral degree in Philosophy from University of Missouri and is a diplomat with the American College of Veterinary Pathologists. His main research interests are pathogenesis and diagnosis of infectious diseases of livestock. He has been with the University since 1984. □



Jack Schmitz, DVM, PhD

Research of VBMS - Continued from Page 1

Since these cattle carry no natural or vaccine-induced antibodies to these viral agents, significant information on vaccinations, viral infection processes, and various prevention and treatment strategies can be obtained from calves in the herd. The herd has also tested negative for the 0157:H7 strain of E. coli. The studies conducted using these animals can also have a great impact on the safety of the food supply in the United States.

Studies on congenital abnormalities, i.e. present at birth, in cattle are also conducted utilizing cattle at the ARDC. Abnormalities are studied to determine if they

are caused by genetic inheritance or environmental factors. This information is passed along to producers and can affect how they select



Ben Bergman is one of the employees that tends to the livestock.

herd sires or influence other management practices.

While the herd is at the ARDC, most of the studies are conducted in the VBMS Animal Research Isolation Facilities in Lincoln on east campus. VBS has an interdisciplinary group of faculty in areas including biomedical sciences, epidemiology, microbiology, bacteriology, virology, immunology, pathology, cell biology, genomics, molecular biology, biochemistry, and toxicology. A brief description of each of those areas of study follows.

* **Biomedical Sciences** - This is the group of sciences that underpins the practice of medicine in both animals and humans. Research areas include infectious and environmental diseases in animals and humans. Approaches include molecular biology, immunology, epidemiology, cell biology, genetics and biochemistry.

* **Epidemiology** - Risk factors and population dynamics in animal health and value, taking into account environmental, spatial and ecological factors.

* **Microbiology** - Microbial organisms and the mechanisms by which they cause disease in animals and humans. Approaches include molecular biology, immunology, cell biology, genetics and biochemistry.

* **Bacteriology** - Bacterial infectious disease research involving pathogens of animals and humans. Approaches include molecular biology, immunology, cell biology, genetics and biochemistry.

* **Virology** - Viral infectious disease research involving pathogens of animals and humans. Approaches include molecular biology, immunology, cell biology, genetics and biochemistry.

* **Immunology** - The role of the hosts immune response in the disease process. Approaches include molecular biology, cell biology, genetics and biochemistry.

* **Pathology** - The biology of disease in humans and animals. This includes genetic, parasitic, bacterial and viral diseases.

* **Cell Biology** - Investigating the role of fundamental cellular processes in diseases of humans and animals.

* **Genomics** - Study of the genetic make up of both host and pathogen, in order to understand and hopefully control the disease process.

* **Molecular Biology** - Use of modern molecular techniques to investigate the bases for diseases in animals and humans.

Research of VBMS - Continued on Page 3



Considering College?

The World is Your Classroom at the University of Nebraska!

Trying to decide on a major and a college? Not sure if an agricultural major is right for you? You may be surprised to learn how many different career paths are available in agriculture. Key in grow.unl.edu on the internet and you'll find information about the University of Nebraska and the College of Agricultural Sciences and Natural Resources. Learn from student testimonies and how students grow in their knowledge of world issues and happenings through outstanding coursework, research and internship opportunities, and international study. There is information for their parents, too! □



Research of VBMS - Continued from Page 2

* **Biochemistry** - Application of biochemical strategies to understand diseases in animals and humans.

* **Toxicology** - The role of toxicants in disease processes.

In all aspects of VBMS research, continued emphasis is placed on collaborative efforts towards advancement of veterinary and biomedical knowledge. Scientific knowledge and skills are used for the benefit of society through the protection of animal health, the relief of animal suffering, the conservation of livestock resources, and the promotion of public health. □

Mid-Summer CMDC - Continued from Page 1

action, accessing UNL recommendations, insects, diseases, and weeds.

This clinic will help participants stay informed about today's everchanging world of crop production. Last year's participants indicated that the average profits gained from attending were an additional \$5.54 per acre. Those just out of school, well-seasoned producers and crop production professionals all will benefit from this clinic and be able to use this information daily.

Trainers are from the NU faculty and the agricultural industry. The clinics provide an unbiased approach by highly skilled trainers. In addition to the tried and true information, participants learn firsthand what the presenters have experienced in their research.

Early diagnostic clinic registration is \$115 until July 11. After that, registration is \$165.

Approximately six Certified Crop Advisor credits are anticipated.

This is one of three clinics offered in the summer of 2002. An end of the season clinic on August 20 will include field crop diseases, late season insects, fall nutrient management, and fall tillage implications. A precision farming clinic will also be held on September 4. Watch for more details.

NU Cooperative Extension, a division of the Institute of Agriculture and Natural Resources, is sponsoring the clinic. To register, call (402)624-8030, via fax at (402)624-8010, via e-mail at cdunbar2@unl.edu, or write to NU ARDC, CMDC Programs, 1071 County Road G, Ithaca, Neb. 68033.

Information is on the World Wide Web at <http://ardc.unl.edu/crop.htm>. □

4-H ATV Safety Training

On **Wednesday July 10th**, youth ATV drivers will have the opportunity to learn how to stay safe while driving their ATV's. A member of the Nebraska State Patrol will talk about the laws that youth must be concerned about when driving an ATV. There will also be several hands-on stations giving ATV operators an opportunity to watch and learn the proper techniques for staying safe.

There is a \$5 registration fee that will be collected at the training. **Preregistration is necessary!** 4-Hers who attended last year's training are encouraged to participate in this year's training, but will not receive the entire ATV safety gear package (e.g. helmet & flag). To register, call the Saunders County Extension office at 402-624-8030 or 1-800-529-8030. Preference will be given to the 4-Hers who did not attend last year's training. □

Time to Spruce Up for the Fair!

The Annual Fair grounds Clean-up Day will be held on Friday, July 19 from 3:00 - 6:00 p.m. at the Saunders County Fairgrounds in Wahoo.

All 4-H parents, leaders, and members are asked to help spruce up the fairgrounds before the fair gets underway. The cleanup day is an excellent community service project for all ages. So come help show your pride in the community by participating!

Dinner will be served after the clean-up is completed. For more information, please call (402)624-8000 or (800)529-8030. □

Calendar of Events

JULY

9	Composite Cattle Breeders Association Tour	8:00-5:00
10	Unit Managers Meeting	1:00-3:00
10	4-H ATV Safety Day (Fairgrounds in Wahoo)	8:30-1:00
12	Fair Superintendents (Fairgrounds in Wahoo)	6:30
15	Livestock Assoc Twilight Tour	5:00-12:00
18	Mid-Summer Crop Management Diagnostic Clinic	7:45-4:30
19	Crop Production Field Day	7:00-5:00
19	Fairgrounds Clean-Up Day (Fairgrounds in Wahoo)	3:00-6:00
20	Golf Challenge 2002 (Hillcrest Golf Club - Wahoo)	8:00 a.m.
25-27	BeeKeepers Conference	8:00-5:00
27-8/1	Saunders Co. Fair - (Fairgrounds in Wahoo)	

AUGUST

1	Central States Seed Conference Tour	1:00-2:00
14	Unit Managers Meeting	1:00-3:00
20	Late Season Crop Management Diagnostic Clinic	8:00-5:00

SEPTEMBER

4	Precision Farming Crop Management Diagnostic Clinic	8:00-5:00
11	Unit Managers Meeting	1:00-3:00
16	Saunders County Extension Board Meeting	7:00-10:00

Summer Employees at the ARDC

Matt Burke, Mead - ARDC
Eric Deerson, Mead - Horticulture/Turf
Katie Deerson, Mead - Horticulture/Turf
Jake Hull, Facilities - Swine
Zac Hull, Mead - Swine
Jeremy Kuklish, Scottsbluff - Biological Systems Engineering
Tim Laudenback, Wahoo - Entomology
Bob Murray, Mead - Horticulture/Turf
Tim Negley, Ithaca - Agronomy
Shawn Nelson, Mead - Horticulture/Turf
Aaron Raymond, Brainard - Foundation Seed
Austin Schweitzer, Milford - Cow/Calf
Jeff Siebels, Gretna - Farm Operations
Neil Urban, Wahoo - Entomology
Brandon Wolfe, Mead - Fire Shop



Soybean Management Field Days

- * Tips for competing in today's challenging market
- * Information & demonstrations are research-based and unbiased
- * New knowledge & ideas
- * Topics include: Managing Soil Water & Irrigation; Weed Control; Insect & Disease Interactions; & Stronger Links to Profitability

Aug. 13 - Oakland
Aug. 14 - Albion
Aug. 15 - Clay Center
Aug. 16 - Burr

2.5 miles west of Oakland off of Hwy 32 ; **August 14**, David Prothman Farm, Albion - Located off Hwy 39, 4 miles south of the Hwy 14 & 91 intersection in Albion; **August 15**, Chad Dane Farm, Clay Center - Located 3 miles west of Clay Center and 1 1/4 miles north; and **August 16**, David Antholz Farm, Burr - Located 3 miles west of the Hwy 50 & Burr Spur intersection south of Syracuse.

Presenters include University of Nebraska specialists, educators, and industry consultants. For more information call 1-800-852-BEAN, 1-800-529-8030 or visit <http://ardc.unl.edu/soydays.htm>. □

These one-day interactive events are sponsored by the Nebraska Soybean Board in cooperation with NU Cooperative Extension. The field days are rotated each year. This year's locations include: **August 13**, Bob Moseman Farm, Oakland - Located



2002 University Service Awards

Each year a new group of employees celebrates a "notable" anniversary of employment with the University of Nebraska. The following employees were recognized for the noted number of years of service at the University of Nebraska. Congratulations and appreciation is extended to the following employees reaching their respective anniversaries in 2002.

Gene Andersen (Dairy) - 5 years
 Brian Lessmann (Facilities) - 5 years
 Ruby Urban (ARDC) - 10 years
 Dan Duncan (ARDC) - 15 years
 Jeff Perkins (Swine) - 20 years
 Bruce Bolander (Forestry) - 25 years
 Kent Thomsen (Farm Operations) - 25 years
 Don McClure (Sheep) - 30 years
 Dick Meyer (Feedmill) - 30 years
 Dave Werner (Farm Operations) - 30 years
 Dave Andersen (Facilities) - 35 years

See you at the **Saunders County Fair**

Watch youth show animals. Stroll through the exhibits. Enjoy a piece of pie. These are only a few of the things you can do at the Saunders County Fair. There's something for the whole family. So don't miss it!

2002 4-H Pre-Fair Events

- July 8 Livestock/Home Ec Judging Contest - *Fairgrounds*
- July 8 Livestock Entries Due - *Extension Office at the ARDC Research & Education Bldg.*
- July 8 Demonstration Entries Due - *Extension Office at the ARDC Research & Education Bldg.*

2002 Saunders County Fair Program

SATURDAY, JULY 27

- 9:30 a.m. 4-H Dog Show - *Open Air Pavilion*
- 9:30 a.m. Presentation Day - Demonstrations/Illustrated Talks/Theater Arts Productions - *4-H Bldg.*

MONDAY, JULY 29

- 8:30 a.m. Fashion Revue Judging - *4-H Building*
- Interview Judging - Clothing II, Challenging Patterns and Challenging Fabrics - *4-H Building*
- 6:00 p.m. 4-H Shooting Sports Competition - *Gayle Hattan Pavilion*

TUESDAY, JULY 30

- 9:00 a.m. Open to All Livestock Entries (Beef, Dairy, Sheep, Swine, Goats, Poultry, Rabbits)
- 9:00 a.m. 4-H Horse Show - Judging Halter Classes, Showmanship - *Rodeo Arena*
- 1:00 p.m. Check-in 4-H Rabbit and Poultry - *Poultry/Rabbit Barn*
- 1:00 p.m. 4-H Horse Show - Performance, Walk-Trot, Pleasure Western Riding, Horsemanship - *Rodeo Arena*
- 5:30-8 p.m. Home Ec and additional 4-H & FFA Exhibits Entry - *4-H Building*
- 6 - 7:30 p.m. Weigh-in 4-H and FFA Sheep & Goats - *Swine Barn*
- 6:30 p.m. 4-H and FFA Hay Hauling Contest - *Gayle Hattan Pavilion*
- 7:30 - 9 p.m. Weigh-in 4-H and FFA Beef - *Swine Barn*
- 8:00 p.m. All Livestock, Poultry and Rabbit Exhibits in place (including swine)

WEDNESDAY, JULY 31

- 8:00 a.m. Weigh-in & Ultra Sound Swine Entries - *Swine Barn*
- 8:00 a.m. ATV Safety Driving Contest - *Gayle Hattan Pavilion*
- 8:00 a.m. Pork Producers breakfast
- 9 a.m.-4 p.m. Judging of 4-H Exhibits & Interview Judging by Appointment - *4-H Building*
- 1:00 p.m. 4-H Tractor Driving Contest (or immediately following ATV) - *Gayle Hattan Pavilion*
- 4:00 p.m. 4-H Bicycle Safety Contest - *Meet at Gayle Hattan Pavilion*
- 5:00 p.m. 4-H Building Open to Public

THURSDAY, AUG 1

- 8:30 a.m. 4-H Sheep Lead Class - *Gayle Hattan Pavilion*
- 9 a.m.-9 p.m. 4-H Building Open to Public
- 9:00 a.m. 4-H Sheep Show - Judging Breeding & Market - *Gayle Hattan Pavilion* (or 15 minutes after conclusion of Lead Class)
- 12:00 p.m. Critique Judging 4-H Poultry - *Open Air Auditorium*
- 2:00 p.m. 4-H Meat, Dairy, Pygmy & Angora Goat Show - *Gayle Hattan Pavilion* (or immediately following Sheep Show)
- 6:00 p.m. Saunders County Fair Parade - *Downtown Wahoo*

FRIDAY, AUG 2

- 9:00 a.m. 4-H & FFA Beef Show - Judging Breeding & Market - *Gayle Hattan Pavilion*
- 9 a.m.-9 p.m. 4-H Building Open to the Public
- 9 a.m. Ice Cream Rolling - *Open Class Patio*
- 8:30 a.m. 4-H Rabbit Show - Judging - *Open Air Auditorium*
- 10:00 a.m. 4-H Dairy Judging Contest - *Dairy Barn*
- 12:00 p.m. 4-H Dairy Show - *Gayle Hattan Pavilion Only*
- Milking Dairy Cattle released following must stay!
- 5:00 p.m. 4-H Steak Fry - *4-H Building*

SATURDAY, AUG 3

- 8:30 a.m. 4-H Swine Show - Judging - *Gayle Hattan Pavilion*
- 9 a.m.-9 p.m. 4-H Building Open to the Public
- 9:00 a.m. 4-H Small Pet Show - *Open Air Auditorium*
- 10:00 a.m. Clover Kids Show (or after Small Pet Show) - *Open Air Auditorium*
- 3:00 p.m. Livestock Round Robin Showmanship - *Gayle Hattan Pavilion* (or half-hour following Swine Show)
- 7:00 p.m. Parade of Champions - *Rodeo Arena*
- 8:00 p.m. Public Fashion Revue - *Open Air Auditorium* (Garments must be returned for Sunday)

SUNDAY, AUG 4

- 8:00 a.m. Release of all 4-H and FFA livestock, rabbits and poultry
- 8:00 a.m. Load Swine not in Livestock Sale (subject to change, contact Swine Supts)
- 11:30 a.m. Check in cats
- 12:30 p.m. 4-H Cat Show - *Open Air Auditorium*
- 4:00 p.m. 4-H B-B-Q
- 4:00 p.m. 4-H Leader Recognition - *Gayle Hattan Pavilion*
- 1-5:30 p.m. 4-H Building Open to the Public
- 5:00 p.m. Livestock Sale - *Gayle Hattan Pavilion*
- 5:30 p.m. Home Ec Exhibits released

OPEN CLASS CHANGES!!!

There have been many changes this year to the Open Class Division. **PLEASE READ CAREFULLY.**

- * Adult entries will be displayed in the Norma Kavan Open Class Building.
 - * Youth entries will be displayed in the School Building.
 - * Premiums will be given to youth entries only.
 - * Each entrant may enter a maximum of 5 items in the Open Class Division. All may be in one division. For example, you may enter 5 pictures and no other items.
 - * The class number and premium books have now been eliminated.
- Thank you for your understanding of the changes and we hope to see your entries at the fair! ☐



Magnet School UPDATES....

Starting with this issue of *Extended Visions*, we will provide updates on some of the Mead Magnet School Projects. Even though school is officially out for the summer, some of the students are using this time for extended learning opportunities relative to their interests within the magnet school. In this issue, we feature two of the four Mead Magnet School students that are working and learning at the ARDC for the summer. Read the firsthand accounts of what Brandon Wolfe and Matt Burke are doing and hope to learn from their experiences at the ARDC.

Learning at the Fire Shop

by Brandon Wolfe, Mead Magnet School Student

Next year I will be a senior at Mead High School. I am working for the University of Nebraska this summer. I work in the Nebraska Forestry Service Fire Shop. I went on a tour of the ARDC and I thought that this division would be a great area to work in. So I applied for a job at the fire shop. I had an interview a few weeks later to see how much experience I had working in the mechanical field. I started working at the fire shop once school got out. I will be working here for the remainder of the summer. At the Fire Shop I do general service to the vehicles in the shop. I also help the other guys with the vehicle that they are working on. By the end of the summer I hope to be able to do more work on my own vehicle at home and have a better understanding of mechanics.



Brandon Wolfe assists with mechanical duties at the Forestry Fire Shop at the ARDC.

Gaining Insight on Computers

by Matthew Burke, Mead Magnet School Student

What I do out at the ARDC is really simple. I update web pages, do basic maintenance on computers and clean them out and I also upgrade most of the computers by adding memory or update their OS or other software. I also help the people there if they have any questions about their computer.

The job that I am doing really teaches me what it is like if I went into a field of computers and did this for a living. I find it to be very fun at times, but I'm thinking over if I really want to go into the computer field. If I do go into that field, I'm going to try to get into the University of Seattle Washington to get my computer science and graphic design degrees also. ☐



Matt Burke has worked on a variety of computer projects and has been a great asset to the ARDC.

Our next issue will feature two more Mead Magnet School students performing summer work experiences at the ARDC.

This issue of *Extended Visions* was produced and edited by Deloris Pittman, Marketing & Promotions Manager. *Extended Visions* is published bimonthly by the University of Nebraska ARDC & NU Cooperative Extension in Saunders County, 1071 County Road G, Room A, Ithaca, Nebraska, 68033-2234. For more information, call 402-624-8000 or 1-800-529-8030. Check out our web site at <http://ardc.unl.edu>. E-mail dpittman1@unl.edu.

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