

## Extension Homemakers conduct a 4-H Sewing and Craft Workshop for Grant County's youth

Extension Homemakers sponsored a 4-H workshop on Aug. 16. Extension Homemakers who helped with the sewing workshop were Sheri Patton and Tina Patton. Mary Hale also helped with the sewing workshop.

Some 4-Hers sewed an apron which was modeled at the Farm Bureau Banquet. Other 4-H members chose to make a pillow or blanket. Lauren and Sara Tannahill were the 4-H youth volunteers who assisted with the craft workshop and canning workshop. Susan Brittain, FCS agent, taught 4-H youth how to make strawberry jam. Rebecca Thomas, Agri Staff Chair, designed a scrapbook that each youth made. Each youth made

eight projects that will be entered into the county fair.

The 4-H program is open to all youth between ages 5-19 without regard to race, color, national origin, religion, gender, disability, or any other legally protected status. Persons with disabilities who require alternative means for communication should notify the county Extension office.

**GRANT COUNTY EXTENSION HOMEMAKER members assist youth for the sewing workshop. Pictured are (from right) Caitlyn Burke, Tina Patton, Michela Thomason and Sheri Patton.**



## Local students complete internships

Nashville, Tennessee – Three students from Sheridan High School and three students from Poyen High School recently completed a six-week research internship as a part of the Aspinaut Summer Research Internship Program at Vanderbilt University Medical Center.

The program, funded by federal stimulus money from the National Institute of Diabetes and Digestive and Kidney Diseases of the National Institutes of Health, provided the local students and 12 other high school students and six undergraduate students the opportunity to substantively participate in high level scientific research. Participants received a salary for their work and lived in campus housing for the duration of the program, held May 31 through July 9.

During her time at Vanderbilt, Allison Congleton from SHS worked on an ongoing research project in Dr. Roy Zent's lab. Her research involved understanding how the cell "talks" to the extracellular matrix (outside of the cell) through a protein known as a3 integrin. This work may help researchers gain a better understanding of cancer formation. She also met with many high level university administrators and faculty and was provided the opportunity to tour the campus and research facilities, talk with admissions and financial aid representatives, and meet with mentors who currently work in the field of study she is interested in pursuing.

"The Aspinaut Program has provided me with a great experience that has allowed me to figure out who I am. This is not one of those summer programs you go to and just breeze through. As a high school student it opened up college life and all the help offered will help me down the road in life," said Congleton.

During his time at Vanderbilt, Cody Stothers from SHS worked on an ongoing research project in Dr. Billy Hudson's lab. HIS research involved looking for the presence of a novel bond identified by the Hudson group in lamprey, a very simple fish. This bond may play an important role in kidney failure occurring in patients with diabetes. He also met with many high level university administrators and faculty and was provided the opportunity to tour the campus and research facilities, talk with admissions and financial aid representatives, and meet with mentors who currently work in the field of study he is interested in pursuing.

"The Summer of 2010 withheld a marked change from the Aspinaut internship in the Summer of 2009 for me. I was able to hit the ground running in my research because most of my training could be drawn from the previous Summer. With that in mind, I got a noticeable amount of work accomplished. Also, the ability to watch the high school kids come in with literally no lab experience and become subject to a steep learning curve -- and succeed, has been quite rewarding for me. I believe that what the Aspinaut program is doing with the Summer internships is fantastic and should be available to more children across Arkansas and the United States," said Stothers.

During his time at Vanderbilt, Ben Cassidy from SHS worked on an ongoing research project in Dr. John Wikswow's lab. He research involved learning engineering concepts to design micro uidic devices. These small devices will help researchers understand how a cell interacts with its environment. He also met with many high level university administrators and faculty and was provided the opportunity to tour the campus and research facilities, talk with admissions and financial aid representatives, and meet with mentors who currently work in the field of study he is interested in pursuing.

"My time this summer as a rising senior could not have been spent more wisely. The environment of research and even college life is one that should not be given to an individual without some exposure, which I was given a plethora of through the Aspinaut Program. I have learned a lot over the summer, and not just academically, information that I will use for the rest of my life to get

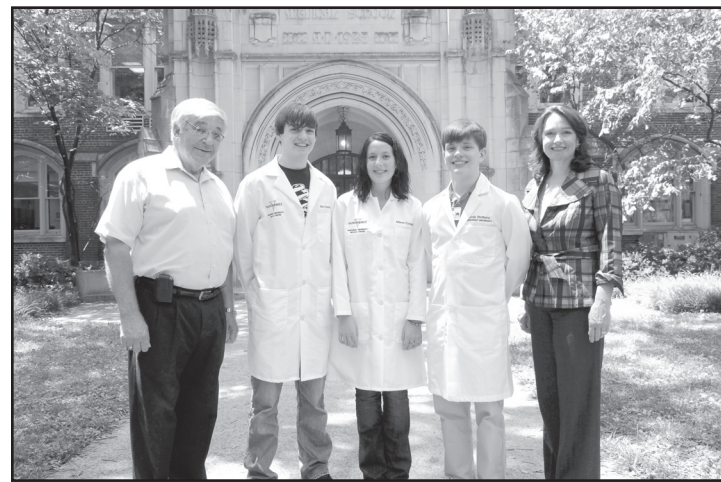
where I need to go, to find decent mentors to help me, and hopefully to help others reach similar goals," said Cassidy.

During her time at Vanderbilt, CaLynn Blacklock from PHS worked on an ongoing research project in Dr. Roy Zent's lab. Her research involved understanding how the cell "talks" to the extracellular matrix (outside of the cell) through a protein known as b1 integrin. This work may help researchers gain a better understanding of cancer formation. She also met with many high level university administrators and faculty and was provided the opportunity to tour the campus and research facilities, talk with admissions and financial aid representatives, and meet with mentors who currently work in the field of study she is interested in pursuing.

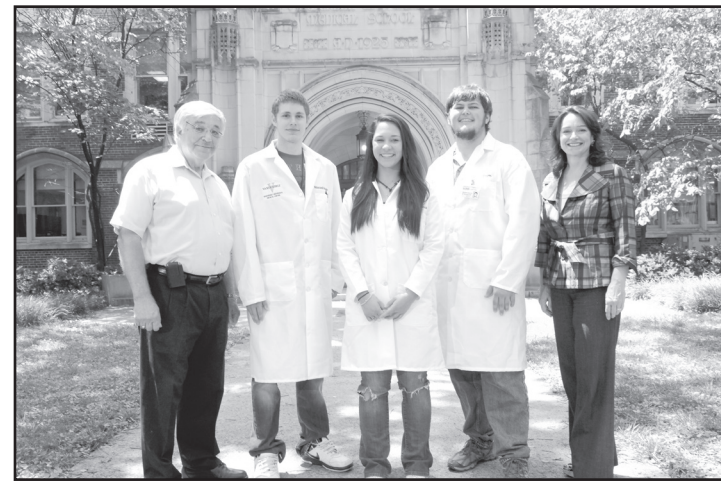
"I had a wonderful experience at Vanderbilt. It was a great opportunity to spend some time in an actual lab environment as well as on a college campus. Giving presentations and meeting important, successful people also helped me to learn more about how to present myself. I feel that I learned many valuable things that I can take with me, along with the educational aspect of the research," said Blacklock.

During his time at Vanderbilt, Clayton Smith from PHS worked on an ongoing research project in Dr. Kent Dickeson's lab. His research involved creating a new model system to create large amounts of a part of a protein known as Collagen IV. This system will help the Hudson research team further understand Goodpasture's Syndrome, an autoimmune disorder that often leads to kidney failure. He also met with many high level university administrators and faculty and was provided the opportunity to tour the campus and research facilities, talk with admissions and financial aid representatives, and meet with mentors who currently work in the field of study he is interested in pursuing.

"Working in a cutting edge lab for six weeks and getting to interact with interesting doctors and scientists was a very exciting experience. It was



**SHERIDAN HIGH SCHOOL interns at Vanderbilt University are pictured with Dr. Billy Hudson and Dr. Julie Hudson. Photo by Anne Rayner**



**POYEN HIGH SCHOOL interns at Vanderbilt University are pictured with Dr. Billy Hudson and Dr. Julie Hudson. Photo by Anne Rayner**

also helpful to learn what level and type of education is required to be a scientist or doctor. I was surprised at how much I enjoyed the OR shadowing part of the program. It made me rethink my future career path, which I may not have otherwise done," said Smith.

During his time at Vanderbilt, Maxwell McFarlin from PHS worked on an ongoing research project in Dr. Vadim Pedchenko's lab. His research involved looking for the presence of a novel bond identified by the Hudson group in the sea anemone, a predatory saltwater

animal that looks like a ower. This bond is thought to play an important role in kidney failure occurring in patients with diabetes. He also met with many high level university administrators and faculty and was provided the opportunity to tour the campus and research facilities, talk with admissions and finan-

## Sheridan Elementary School News

By Principal David Holmes

School has started and it has been a smooth beginning. Please get your children to school before 7:45 a.m. if they are eating breakfast. We want the children to have enough time to eat before class begins. We are experience a few tardies in the morning. Please have your children at school before 8 a.m.. After 8 a.m. they are tardy and we will be contacting you concerning any excess amount. It is the parent's responsibility for school attendance. We are all aware that traffic in the mornings is busy and slow. Please allow enough time to get your children to school on time.

We are testing at this time and determining what level our students are currently. We should finish all testing before Labor Day Holiday. Labor Day Holiday is Sept. 6. We will not be having school on that day.

This is a reminder. Please check your child's lunch. We are not allowing Peanuts or Peanut products at Sheridan Elementary School due to health concerns of some of our students. Please check to make sure that your child does not bring anything that contains Peanuts or by-products. This includes candy. Many of the candies are included in Lunchables. Please check to help ensure that all children are kept safe and healthy.

Our first Family Night will be on Sept. 14. This is a Tuesday and we are planning a great night! Please make plans to attend.

Have a great week!

## ASMSA admissions counselors to visit local school dists.

Arkansas School for Mathematics Sciences and the Arts admissions counselors will be visiting schools in Arkansas, Grant, Jackson, Jefferson, Lincoln, Madison, Phillips, Washington and White counties during the week of Sept. 13.

The admissions staff will talk to students about the school and qualifications for attending. ASMSA, located in downtown Hot Springs,

cial aid representatives, and meet with mentors who currently work in the field of study he is interested in pursuing.

"My time at Vanderbilt was very helpful in getting me to decide my future plans and starting me on the right path towards them. I did a lot of hands on work in the lab and actually got to work with a real professor. It was very hard at times but there are many people there willing to help you take baby steps until you get up to par. I am very glad that I got into the program and I loved being on campus and learning as much as I did," said McFarlin.

At the end of the six weeks, the students presented their work to Vanderbilt scientists during a final presentation event. They were also offered the chance to present their findings to scientist from around the world during a scientific poster session as a part of the Basement Membrane Symposium, held at Vanderbilt University.

is one of 14 public residential high schools in the country dedicated to educating high school juniors and seniors with a special aptitude for science, math and technology.

ASMSA offers a variety of courses, including college level classes. Many ASMSA graduates begin college at the sophomore level, and some even begin at the junior level. The 88 students graduating in 2010 received acceptances to 132 colleges and universities across the country and earned \$10.5 million in scholarships.

ASMSA also offers extracurricular activities such as band, choir, yearbook, and more than 30 clubs and organizations.

Enrollment is open to all Arkansas students who meet the educational criteria. Tuition, room and board are free for all students. Students who enroll in the fall of 2011 will live in the new residence halls currently under construction during their senior year.

ASMSA will host an open house for prospective students and their families from 9 a.m. to noon Saturday, Sept. 11. Tours of the school will be available every half hour beginning at 9 a.m. Students will have the opportunity to talk to current students and teachers.

For more information or to register for the Open House, visit [www.asmsa.org](http://www.asmsa.org) or call 1-800-345-2767.



### POYEN SCHOOL MENU

**Wednesday, Sept. 1**  
Breakfast: Mini pancakes, fruit juice and milk or cereal with toast, fruit or juice and milk.

Lunch: Mini corn dogs, mustard, baked beans, raw veggie strips, ranch dressing, rosey applesauce and milk.

### Thursday, Sept. 2

Breakfast: Breakfast pocket, fruit juice, milk or cereal with toast, fruit or juice and milk.

Lunch: Chicken spaghetti, broccoli salad, roll, orange smiles and milk.

### Friday, Sept. 3

Breakfast: Yogurt and fruit parfait, granola and milk or cereal with toast, fruit or juice and milk.

Lunch: Hamburger, mustard, mayo, ketchup, sandwich salad cup, French fries, sliced peaches, graham crackers and milk.

### Monday, Sept. 6

No school, Labor Day holiday

### Tuesday, Sept. 7-Friday, Sept. 10

Not available

### SHERIDAN SCHOOL MENU

### Wednesday, Sept. 1

Breakfast: Pizza sticks, graham crackers, juice, milk choice.

Lunch: Chicken fried steak, whipped potatoes, green beans, wheat roll, gelatin, milk choice.

### Thursday, Sept. 2

Breakfast: Grilled cheese sandwich, juice, milk choice.

Lunch: Turkey, cheese wrap, sandwich salad cup, baked beans, baked apples, milk choice.

### Friday, Sept. 3

Breakfast: Biscuit and chicken ring, juice, milk choice.

Lunch: Lasagna, garden salad, garlic roll, watermelon, milk choice.

### Monday, Sept. 6

No school, Labor Day holiday

### Tuesday, Sept. 7

Breakfast: Cereal, super bun, milk choice.

Lunch: Pizza, garden salad, mixed vegetables, chocolate chip cookie, milk choice.

### Wednesday, Sept. 8

Breakfast: Breakfast pizza, juice, milk choice.

Lunch: Chicken rings, green beans, buttered rice and gravy, hot roll, watermelon, milk choice.

### Thursday, Sept. 9

Breakfast: Pancakes, butter, syrup, juice, milk choice.

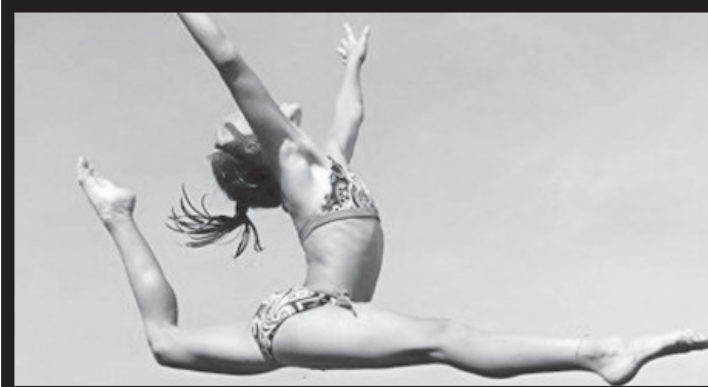
Lunch: Taco salad, salsa, lettuce, tomato, cheese, seasoned corn, cinnamon roll, milk choice.

### Friday, Sept. 10

Breakfast: Biscuit, sausage, juice, milk choice.

Lunch: Hamburger on bun, sandwich salad cup, French fries, ketchup, royale brownie, milk choice.

## DORSEY'S GYMNASTICS



Ages:  
1 yr. - 18 yrs.

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So Sign Up Now!**

**Recreational Gymnastics -Competitive Gymnastics  
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Now Registering For Fall; Classes Are Ongoing.

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BACK TO SCHOOL  
EASIER!**

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