

# Upward Bound

SWOSU

## See the stars as a Physicist

Physicists and astronomers conduct research to understand the nature of the universe and everything in it. These researchers observe, measure, interpret, and develop theories to explain celestial and physical phenomena using mathematics. From the vastness of space to the infinitesimal scale of subatomic particles, they study the fundamental properties of the natural world and apply the knowledge gained to design new technologies. *Physicists* explore and identify basic principles and laws governing the motion, energy, structure, and interactions of matter. Some physicists study theoretical areas, such as the nature of time and the origin of the universe; others apply their knowledge of physics to practical areas, such as the development of advanced materials, electronic and optical devices, and medical

equipment. Physicists design and perform experiments with lasers, particle accelerators, electron microscopes, mass spectrometers, and other equipment. On the basis of their observations and analysis, they attempt to discover and explain laws describing the forces of nature, such as gravity, electromagnetism, and nuclear interactions. Experiments also help physicists find ways to apply physical laws and theories to problems in nuclear energy, electronics, optics, materials, communications, aerospace technology, and medical instrumentation. *Astronomers* use the principles of physics and mathematics to learn about the fundamental nature of the universe, including the sun, moon, planets, stars, and galaxies. As such, astronomy is sometimes considered a subfield of physics. They also apply

their knowledge to solve problems in navigation, space flight, and satellite communications and to develop the instrumentation and techniques used to observe and collect astronomical data. Because most jobs are in basic research and development, a doctoral degree is the usual educational requirement for physicists and astronomers. Master's degree holders qualify for some jobs in applied research and development, whereas bachelor's degree holders often qualify as research assistants or for other occupations related to physics. About 760 colleges and universities offer a bachelor's degree in physics. Undergraduate programs provide a broad background in the natural sciences and mathematics. Typical physics courses include electromagnetism, optics, thermodynamics, atomic physics, and quantum mechanics.

Source: [www.bls.gov](http://www.bls.gov)

April Issue

Volume 2007-2008

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### REMINDER!!

Remember to continue checking your Comfit messages and doing your Comfit lessons. As one student pointed out, if you have time to get on MySpace for several hours, you should have time to do your lessons. There are always updates or reminders that Jamie is sending that you might need to read. Stay committed to what you are **supposed** to be doing for Upward Bound. The rewards outweigh the tasks!

## Welcome to UB!

We have been working very hard the past few months recruiting for Upward Bound. If you are new to us—WELCOME! If you are UB veterans, please be kind and show the “newbies” how fun it can be in UB! Here is a list of newcomers by

school thus far: Anadarko: Terri Bryant, Zella Buchanan, Anthony Gonzalez, Amanda Haynes, Ariel Mahseet, Adrianna Partee, Tiffany Taptto, Nizhonie Wahnee; Carnegie: Shasta Rossetter, Brandon Hunt; Watonga: Kristen Schaefer.

## April Birthdays

Rebecca Partl 5th

Lorena Medina 8th



## Staff Spotlight-Paula Buckmaster

**What is your birth date?** December 19th

**School:** Chickasha.....Go Chicks!

**What is your favorite sport?** Cheer-leading.....yes, it's a sport! (or rodeo)

**What is your favorite video game?** I don't believe in them

**What cd is in your cd player?** Third Day Chronology

**What is your favorite movie?** Steel Magnolias

**What movie do you know every line from?** Monster House

**Do you read the newspaper or watch**

**the news?** A little of both

**What time is your alarm set for?** 6:00 a.m.

**What fast food restaurant did you last eat at?** McDonald's

**What did you eat?** Cheeseburger and fries

**What is your favorite hobby?** Hanging out with my kids & riding horses

**What was your favorite cartoon as a kid?** Scooby Doo

**What is your favorite book?** The Confident Woman

**What are your plans after completing**

**high school?** I'm already there

**What do you like about being in Upward Bound?** Getting to work with high school students without having to be in the classroom!

**Other information that you would like others to know:** I am working on my Master's in School Counseling because I want to make a difference somehow in the lives of young people!



## Student Spotlight-Zella Buchanan



**What is your birth date?** December 10th

**School:** Anadarko

**What is your favorite sport?** Soccer

**What is your CD player right now?** Kelley Clarkson-Break Away

**What is your favorite video game?** Too many to chose

**What is your favorite movie?** Anime or Madea

**What movie do you know every line from?** Madea

**Quote from movie:** "I ain't scared of the popo!"

**Do you read the newspaper or watch the news?** Rarely

**What time is your alarm set for?** 5:30 a.m.

**What fast food restaurant did you last eat at?** Sonic

**What did you eat?** Super sonic breakfast burrito combo

**What is your favorite hobby?** Reading while listening to music

**What was your favorite cartoon as a kid?** The ones that came on every Saturday

**What is your favorite book?** I have too many favorites

**What are your plans after completing high school?** Going to college to become a Veterinarian

**What do you like best about UB?** I don't know yet

## UB Bridge Students Visit the University of Oklahoma

Recently several of the UB Bridge students visited the campus of the University of Oklahoma. The morning began with a ride to Norman in a 1992 station wagon with NO tinted windows and a third row seat that faced outward. Whitley and Lorena sat in the very back seat and smiled at all of the oncoming traffic. A few activities they came up with on the way to Norman were picking on Robert and comparing our car to

ones on The Brady Bunch.. That was when they came up with their own title "The Jamie Bunch". Beaux was gracious enough to give Kayla and Erin most of the room on the second row of seats. Thanks, Beaux! The weather was great for a walking tour of the campus. Some of the places toured were the Student Union, the library, dorm rooms, fitness center, and more. After the tour, the group was ready to eat so

they made their way to Chili's and had a very filling lunch and delicious deserts.....remember the Molten Chocolate and Ice Cream????? The ride back was very hot, just ask Lorena. Remember, this car was made back when there was no rear air conditioning! It was a great trip and the group had lots of fun! Thank you to all of you who attended!

## Student Spotlight-Nizhonie Wahnee



**What is your birth date?** February 13th

**School:** Anadarko

**What is your favorite sport?** I have none.....yet

**What is your favorite video game?** Too many to choose...Soul Calibur and

Okami

**What is your favorite movie?** Pirates of the Caribbean

**What movie do you know every line from?** Spirited Away

**Quote from movie:** "Is there a place where I can buy a cell phone?"

**Do you read the newspaper or watch the news?** Both

**What time is your alarm set for?** 6:30 a.m.

**What fast food restaurant did you last eat at?** Carl's Jr.

**What did you eat?** Hot Ham 'n' Cheese combo

**What is your favorite hobby?** Drawing and writing/typing

**What was your favorite cartoon as a kid?** Pokemon, Card Capture, Sakura,

Hamtaro, Yu-Gi-Oh!

**What is your favorite book?** The Five Ancestors Series

**What are your plans after completing high school?** Go to college, then Devry

**What do you like about being in Upward Bound?** I get to go somewhere different and learn something new

**Other information that you would like others to know:** I love all anime and video games. I tend to be quiet but when Japan-related stuff comes up, then I talk about it. I'm mostly a loner when doing work but I do hang out with my friends.



## Student Spotlight-Logan Sellers

**What is your birth date?** January 15th

**School:** BF-DC

**What is your favorite sport?** Power lifting

**What is your favorite video game?** Don't play them

**What is your favorite movie?** Rocky Series

**What movie do you know every line from?** Rocky IV

**Quote from movie:** "I must beat you"

**Do you read the newspaper or watch the news?** Both

**What time is your alarm set for?** 6:15 a.m.

**What fast food restaurant did you last eat at?** Eagle's Nest

**What did you eat?** Catfish

**What is your favorite hobby?** Weight Lifting

**What was your favorite cartoon as a kid?** Pop-eye and Incredible Hulk

**What is your favorite book?** Lol!! Not a big reader, but I like all Will Hobbs books!

**What are your plans after completing high school?** Pharmacist or CRNA

**What do you like about being in Upward Bound?** Meeting new people

**Other information that you would like others to know:** I love people, I love school, and I love life!!



### College Terms

**Full-time student:** A student enrolled in 12 or more units in one semester

**Prerequisite:** Specific courses you must successfully complete with a "C" or better before you can enroll for another specific course. Students must satisfy prerequisites and any other stated conditions before enrolling in a course.

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## SWOSU

Primary Business Address

Your Address Line 2

Your Address Line 3

Your Address Line 4

Phone: 555-555-5555

Fax: 555-555-5555

E-mail: someone@example.com



## Organization

Your business tag line here.

We're on the Web!  
example.microsoft.com

*This would be a good place to insert a short paragraph about your organization. It might include the purpose of the organization, its mission, founding date, and a brief history. You could also include a brief list of the types of products, services, or programs your organization offers, the geographic area covered (for example, western U.S. or European markets), and a profile of the types of customers or members served.*

*It would also be useful to include a contact name for readers who want more information about the organization.*

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## Back Page Story Headline



Caption describing picture or graphic.

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