



Participants get a view of an airplane that most of them have never had before the NSTI program.



Ivory Williams and Ernest Hammond are in the pilot's seat for the first time—who knows what the future holds.

NSTI Offers Life-Changing Experiences for Participants

The Langston University National Summer Transportation Institute (LU-NSTI) for High School Students, one of Oklahoma's best kept secrets for the last ten years is a unique summer program for incoming high school sophomores and juniors. It provides a four-week, all expenses paid residential stay at Langston University's main campus in Langston, OK.

Yes, that's 24-hours-a-day; seven-days-a-week. Plus, students who successfully complete the program receive a \$400 stipend for their efforts.

During the four-week Institute funded by the Federal Highway Administration, the Oklahoma Department of Transportation and the Oklahoma Trucking Association, the students benefit in three major areas:

They learn about many different types of transportation related careers, the salary ranges they can expect depending upon their education or training, work experience, and their own personal effort they are willing to put forth;

They enhance their academic skills by developing their public speaking skills with regular oral presentations to their classmates

from their own prepared PowerPoint presentations; practicing and preparing for the ACT; and enhancing their computer skills while learning how computers are involved with and effect the transportation industry; and,

They are helped to prepare for higher education and future employment through classroom type activities and presentations that focus on career development, scholarship opportunities at Langston University, cultural and social awareness programs, employee interviews, resume development, developing leadership qualities and team building exercises.

Each week the LU-NSTI focuses on specific areas of transportation and introduces the student participants to the various types of career fields involved in them.

After orientation, administrative procedures and an introduction to the Langston University campus, the first week is devoted to air transportation. During this week they visit sites such as the Oklahoma Air National Guard, Will Rogers World Airport, the Navy Base at Tinker Air Force Base, the Mike Monroney Aeronautical Training Center and the Metro

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NSTI Provides Valuable Insight Into Possible Career Choices

Essay Contest 1st Place By Terricia Foster

The NSTI Program teaches and allows you to explore transportation fields and knowledge. If you don't know what NSTI stands for, it is National Summer Transportation Institute.

I have enjoyed myself here so far; I have learned many things about transportation that I did not know before, and the career that interests me is architectural design.

This program has changed my view about transportation completely. The program has not only taught me things about transportation, but it has taught me things about myself.

I feel like the camp started off pretty good. It has had its ups and downs, but overall I have learned a lot here. We do fun field trips that involve flying airplanes, touring airports, and even going to Wal-Mart!

The counselors are funny and playful and make you feel like you're a part of a family. Even though there is a separation between the boys and

girls, I still feel like they are my brothers because they always get on my nerves!

There are a lot of things that I have learned about transportation. I learned that engineers play a big role in transportation and they have to know a whole lot of math.

I also learned that transportation comes in many different ways, it doesn't have to be on wheels. I knew nothing about air traffic control, but after going to the Federal Aviation Association, better known as the FAA, I learned that the training includes initial terminal, terminal radar, initial enroute and specialized training. Air traffic control also pays a lot of money and you don't even have to have a degree.

Architectural design is the career that interests me. I am interested in the career because it involves designing for buildings and homes. Architectural designing is when you design floor plans. It ties into transportation because to get the floor plans you have to use some kind of transportation to get the. It also ties into it because you could possibly design for planes, trains or cars.

Overall the NSTI Program has been a big learning experience for me. I feel like in this short amount of time I have grown a lot from this program. I have learned so much about transportation and am actually more interested in it now that I was before. I also feel like I have another family. I will never forget this program.



Mealtimes were always special for the participants, especially when the parents got a chance to visit and see what their children have been doing for four weeks.



It's Six Flags, what do you expect other than foolishness.



NSTI participants get briefed on what safety measures are examined at a weight station.



LU-NSTI participants pose with troopers following a visit to a weight station on the highway.

NSTI Teaches Important Life-Lessons

Essay Contest 2nd Place
By Eric Anichini

Langston University's National Summer Transportation Institute has been a wonderful learning experience for me.

It has opened my eyes and shown me things I never would have imagined. I've developed a brotherly bond with my classmates and counselors, learned about many different aspects of transportation, other than the obvious, and also been on many educational field trips.

I came to this camp thinking I'd be an outcast. I was the minority of the group and felt strange. Before the first day was over all the guys got together in the lounge and talked. This gave me an immediate sense of acceptance amongst the group. There I was much more social with my peers and found myself enjoying the program much more. By the end of the first week, we had

already become brothers.

I never would have thought there were so many things involved in getting someone from Point "A" to Point "B".

Riveting is an essential part to airplanes. It is an effective, light and inexpensive method to ensure aircrafts hold together when placed under stress.

There are people sitting in offices hundreds of miles away to make sure planes don't collide and cause disaster.

Transportation also isn't limited to people. There are boats, planes, trucks and trains that all carry products and freight all across the nation.

We've been on various informative field trips to many locations. Some of them that stood out the most to me were CAMI (Civil Aero Medical Institute), who teaches their students safety through education, which to me, is half the battle. UPS (United

Parcel Services), who has every single one of their employees start at the very bottom sorting mail, and work their own way up to a management position. I liked that because it gives those who could not afford a college education who want to make something of themselves a fighting chance.

The Port of Catoosa stood out to me because their main priority was freight rather than people, which was a little refreshing.

This camp has exceeded my expectations in so many ways. I've learned much about transportation, safety and brotherhood. I will go back to school in the fall with a much more studious attitude, and I'm proud to say that this program has played a big part in that change of mind-set.

I hope I will get chosen Most Outstanding Student and come back as a counselor and give students the same experience I had.



Head male counselor Kellen Gill shows the students a newborn goat when the visited the campus facility.

2010 NSTI Program Participants

Eric Anichini—A junior at Woodward High School in Woodward, OK. Eric is interested in pursuing a degree in law. Eric is in band at school and is regarded as an admirable young man, a highly achieving leader who takes great pride in helping others and being a role model for his peers. At the

end of the NSTI, Eric walked away with a Student-of-the-Week award and Most Outstanding Male Student. Eric's educational plans include pursuing a degree at Oklahoma University. He will be invited back next year to fill the role of our Junior Student Participant Male Counselor.

Perry Flannigan—Perry is a junior at Coyle Public High School where he plans to graduate in 2012 and at the same time graduate from the Indian Meridian Vocational Technical Program in Engineering. His career objective is to be an engineer. His college choices include Langston, Oklahoma University, and Oklahoma State University.

Ova Fofah—A sophomore at Booker T. Washington High School in Tulsa, Ova is a member of the Chess Club, Multi Media Club, Martial Arts, Keva and is a volunteer at KIPP Tulsa and at the Savation Army. He wants to pursue a career in Electronic and Energy Engineering and is very interested in making groundbreaking discoveries and inventions and wants to aid in the creation of alternate energy technologies. His college choices include the University of Tulsa, Langton University and the University of Oklahoma. Ova was awarded NSTI Student-of-the-Week recognition.

Terricia Foster—Miss Foster is a junior at Booker T. Washington High in Tulsa. Her career objectives are to be an architectural designer, artist or writer. Her interest in transportation includes an answer to the question, "What are current transportation problems today?" and how her field of study would relate to the transportation industry and her future career. She is looking at Spelman College, Oklahoma University and Georgia State University for her college education. Terricia won first place in the NSTI Essay Contest, was awarded Most Outstanding Female student in the NSTI Communications class, Student-of-the-Week and Most Outstanding Female Student in the 2010 LU-NSTI. She will be invited back next year to fill the role of our Junior Student Participant Female Counselor.

Kyara Guy—Kyara holds the distinction of being our first LU-NSTI for High School Students who had initially attended our LU-NSTI for Junior High Students. Kyara is a freshman and attended Carl Albert Middle School during the 2009/2010 academic year. She is a member of the 4-H Club, the National Junior Honor Society, the Key Club and the Principal's Honor Roll. She plans on attending either Langton University, the University of Texas or Michigan State University. Her career goals include Law, Criminal Justice and Transportation. Since she has attended the NSTI, she is interested in Air Traffic Control. In her essay she wrote about her experiences in both the Junior High and the High School NSTI, Kyara listed the benefits of being in them. They included "a tremendous effect on my future goals and plans," and "Being in this camp changed my mind on a lot of things." She also mentioned that the biggest thing the program had done for her was to, "open



Eric Anichini



Perry Flannigan



Ova Fofah



Terricia Foster



Kyara Guy



Ernest Hammond



Isaiah Holmes



Kamari Johnson



Dyvonne Kennedy



E.J. Mack



Michael McGill



Robert Mink

my eyes to what kind of careers I could have.” Miss Guy was awarded NSTI Student-of-the-Week during the program.

Ernest Hammond—Ernest is a current sophomore at Jenks Freshman Academy. His career choices include engineering and technology. He grew up in Ghana, Africa, and moved to the United States at the age of ten. He was fascinated with trucks even submitted an exhibit on “The Innovation of Freight Trucks and How They Changed History”. Ernest plays soccer for his school team and is a very strong math and science student. He is regarded at his school as a very serious student and a team worker and came “very highly recommended.” He is currently undecided as to a choice in higher education, yet he carries a 3.66 GPA.

Isaiah Holmes—Isaiah is a freshman at Booker T. Washington High School in Tulsa where is on the Honor Roll, is a member of Men of Power and plays on the basketball team . His career interests include engineering, drafting and technology, a great trio for the world of transportation careers. He is leaning toward Civil Engineering due to his interested in the different methods used to design bridges and overpasses. Looking beyond monetary gain, Isaiah is very interested in a career that can advance the local, national and global community. He plans on attending either Morehouse, Howard or Hampton Universities. Isaiah was awarded a NSTI Student-of-the-Week during the program.

Kamari Johnson—Kamari is a current freshman who attended Carl Albert Junior High School in Midwest City. She is on the Honor Roll and is a member of 4-H and the Carl Albert Middle School Band. She is regarded at her school as a student who is responsible, leads by example and, “makes our school a great place and gives it a good reputation.” Kamari’s career choices include transportation, law, and engineering and is looking at Langston University, Oklahoma State University and the University of Central Oklahoma as possible schools for a higher education.

Dyvonne Kennedy—Dyvonne is a freshman at Northeast Academy in Oklahoma City where she serves on the Northeast Student Council, plays basketball, volleyball and is a cheerleader. At this time her career objective is undecided but is looking at scientific research, technology and fine arts. She is currently looking at Langston University and the University of Central Oklahoma for a bachelor’s degree. She is regarded at Northeast as a student who exhibits strong leadership skills and provide a positive example for other students to follow.

Everett Mack, Jr.—Everett attends Westmore High School in Moore. He is a member of the National Honor Society, the National Technical Honor Society and has numerous high school academic achievement awards. His career goals include engineering, technology and transportation, and he wants to be in either aviation maintenance or a pilot in the Air Force. He is also enrolled at the Metro Tech Aviation Career Campus where he is learning to be an aviation mechanic. He is looking at Oklahoma University, the US Air Force Academy

or the University of Florida for his bachelor’s degree.

Michael McGill—Michael is a junior at the Riverfield Country Day School in Tulsa. His achievements include Basketball, Cross-country Track, and Drumline certificates. He also serves in his church youth group and is a member of the Tulsa Chapter Jack & Jill of America. His career objectives include technology, safety and computer science and he is considering the Tulsa Technology Center, Tulsa Community College or Oklahoma Wesleyan for higher education.

Robert Mink—“Tony” is a sophomore at Putnam City North High School in Oklahoma City, where he comes highly recommended as a superior class performer who is willing to share his knowledge to help classmates. He is the Department Treasurer for the St. James A.M.E. People, and is a member of its Usher Board. Tony has carried a passion to be an Aeronautical Engineer since his seventh grade year and wants to design and develop aircraft and spacecraft. His career choices include engineering, architecture and technology. Tony

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Aysia Nguyen



Kiona Rollins



Cameron Rowe



Chrishayla Smith



Elijah Williams



Ivory Williams



Verneicia Williams





Chryshala Smith and Eric Anichini demonstrate the step they learned during their swing dance class in the program.



Participants get briefed by a naval officer when they visited the Navy facility at Tinker Air Force Base.



E.J. Mack and Ova Fofah get a lesson on how to tie a tie from Wal-Mart co-manager L.U. grad Keith Brown.

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stated that for his career choice he asked himself three questions: What am I good at? What kinds of things do I like to do? And What could I do for the rest of my life? He is looking at Langston University, the University of Oklahoma and Oklahoma State University for a college degree.

Aysia Nguyen—Miss Nguyen is now a freshman and attended Taft Middle School in Oklahoma City during the 2009/2010 academic year. Her career interests are medical, scientific research and computer science, and she is considering the University of California at Los Angeles, Brown University and University of Chicago for higher education. Asia made the Most Outstanding Student Award and is recognized at her school as a bright, hardworking student who takes her education very seriously and is always at the top of her class.

Kiona Rollins—Kiona is now a freshman and attended University Middle School in Waco, TX during her 2009/2010 school year. She is on the Honor Roll, has perfect attendance, and participates in track and field, band, art, and choir. Plus, she served as an office aid in her school. Her career interests lie in the areas of transportation, criminal justice and scientific research. She is considering Oklahoma University, the University of Mississippi and Penn State University for her bachelor's degree. She is recognized at her school as very conscientious, pleasant, respected by her peers and teachers, trustworthy and responsible. Miss Rollins was awarded a NSTI Student-of-the-Week recognition during the program.

Cameron Rowe—Cameron is a freshman and attended Carl Alber Middle School last year where he carried a 3.83 GPA. He was on the Honor Roll, was in Who's Who Among Middle Schools, is a member of the 4-H Club, captain of the basketball team, in the choir, is an usher at his church and a choir member. He is interested in transportation, engineering and scientific research as possible career goals and wants to receive a Master's Degree in the Engineering at either Langston University, Oklahoma University or Oklahoma State University. He is interested in aircraft and computer design. He is identified as a student who "comes to school everyday with a good attitude and works very hard, is very diligent and respectful, has a natural aptitude for mathematics and leads by example."

Chrishayla Smith—Chrishayla is a freshman and also attended Carl Albert Middle School. As was noticed by her teachers and principle at school and by the staff of the NSTI, she maintains herself in a respectful manner, with a quiet leadership that leads by example. She took Spanish and was also in the Symphonic band. She definitely is a good role model and recognizes the importance of a strong work ethic and persistence. Miss Smith received a NSTI Student of the Week award during the program.

Elijah Williams—Elijah is a sophomore at Frederick A. Douglass High School in Oklahoma City, where he is enrolled in all honor classes and carries a 3.5 GPA. He is a member

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Program Exposes Participants to Life-Changing Experiences

Essay Contest 3rd Place

By Ayshia Nguyen

For four weeks I will be attending Langston University's National Summer Transportation Institute. I am attending this summer program for many reasons.

One reason is because this program could give me useful and valuable experience. NSTI has taught me many things, enlightened me about careers in transportation and has changed my thoughts and feelings about many things.

Everyday here I am learning new things. In our communication classes I am taught new life lessons that could that could actually be applied to my everyday life. NSTI is an experiential program. There is never a day we are not academically challenged.

In the NSTI we are also given the college life experience. While we are here, we have many responsibilities and priorities that we have to deal with on a daily basis. If we know how to handle these responsibilities and manage our priorities now, then we will be prepared for the ones to come.

The NSTI is helping us expand our knowledge about the field of transportation. They have taken us to places such as: Tinker Air Base, Bobby Lobby's Headquarters and UPS (United Parcel Services). At these field trips we learn about how their company incorporates transportation with the business. We also learn fascinating things about them that we would have never known.

At Tinker Air Base, I learned that some planes can refuel others in mid-air. At Hobby Lobby I learned that it started in 1972 in a garage, and it began in Oklahoma City.

Another amazing thing I learned was at UPS. I learned that they transfer their packages through trucks, planes and trains!

Truthfully, the NSTI has done a lot for me. However, the biggest thing they have done was show and teach me new life-changing things.

I had my mind made up about every

aspect of my life. However, coming here has changed many of my thoughts and feelings about transportation, family and education.

The almost naïve Ayshia thought that transportation was all about people conducting automobiles, trains, planes and much more. Since I have been here, I know so much more that my thoughts about transportation will never be the same.

In the NSTI, family and respect play a vital role. I have a different perspective about family now. I have also learned to respect someone no matter what age or gender. I am learning more about the importance of having a good education. Having a good

education and job does not always mean you will have a lot of money. I have learned that we must manage our money wisely.

In conclusion, I will be coming out of Langston University's NSTI as a genuinely better person. I truly believe this summer program improves every in every way.

NSTI has taught me many things, enlightened me about careers in transportation and has changed my thoughts and feelings about many things.

The things NSTI is doing for is changing our lives for the better. NSTI is changing the lives of many young people and it has certainly changed MY life and turned it into the right direction.



NSTI participants get a guided tour through the Will Rogers Metro Tech Center.



It is not the Betty Crocker Test Kitchen, so Eric Anichina, E.J. Mack and Perry Flannigan work on the recipe to maximize the concrete's strength.



Ernest Hammond gets some hands-on experience at the Will Rogers Metro Tech center during the NSTI students' visit to the facility

Program Opens New Vistas

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Tech Air Science Academy.

They learn how to operate remote-control aircraft, taxi a plane down a runway, master computer software developed to connect integrate parts of a space station, experience emergency exiting in a mock plane crash, investigate re-built crash scenes, and tour air traffic control training areas.

A highlight for the students this year, was the experience of a flight orientation, thanks to the Experimental Aviation Association (EAA) Young Eagles program. The LU-NSTI students were able to experience an airplane flight with a pilot in the Young Eagles program who taught them the basics of the aircraft, the dynamics of airplane technology and the principle mechanics of the flight. They were also given the opportunity to actually fly the plane briefly, if they were brave enough to do so.

The second week covered land transportation and was introduced by a presentation on the different types of careers in this area

The students learned how to mix asphalt for highways, visited an ODOT

construction site, learned about defensive driving, toured the Oklahoma Department of Transportation, the Hobby Lobby Warehouse, and the Emergency Management, Inc. facilities where they learned about clean-up of hazardous materials spills.

The third week is the students visited the Port of Catoosa in Tulsa, OK and learned about water transportation opportunities in the state of Oklahoma.

During the last week, the students wrapped up with a family picnic, an on-site inspection of motor carriers by the Oklahoma Highway Patrol, a tour of the Drumright Truck Driving School, and some lessons on highway and rail safety.

And, it is all topped off by the annual Awards Banquet, prepared by and for the students who share information to the audience and provide their own special brand of entertainment. This year, the 2010 Most Outstanding Students were Terricia Foster (female) and Eric Anichini (male).

The entire month is filled with fun, educational and unforgettable experiences the students take with and look back on for many, many years.

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of the Oklahoma County Sheriff's Department Law Enforcement Explorers, the Worship Leader and District Officer at his church and a member of the Urban League in Oklahoma City. He is looking at computer science, criminal justice and law for career paths and considering Langston, Oklahoma University and Oklahoma State University for his college degree. At school he is always prepared for class and very eager to learn, works hard and cooperatively, polite and goal oriented. Elijah was awarded a NSTI Student of the Week Award during the program.

Ivory Williams—Ivory is a sophomore at Seaworth Academy. He is interested in surveying, criminal justice and scientific research. He plans on attending Langston University, Oklahoma State University or Louisiana State University. At SeaWorth Academy he is known as a fine young man and a hard worker. He also works in Sea Worth's Campus Community Service program.

Veneicia Williams—Miss Williams is now a freshman and attended Hefner Middle School in Oklahoma City where she carried a 3.5 GPA. She is interested in law, scientific research and medicine and plans to attend either Oklahoma University, Langston or Oklahoma State. Veneicia is a hard worker, is intelligent, capable and personable as pointed out by her teachers at Hefner. As evidenced by test scores, she "has what it takes to be successful in a law-related career," which opens the door for many opportunities in transportation related fields.

