

# THE LINK

*The Oklahoma Alliance for Minority Participation in Science, Technology, Engineering, and Mathematics*

*Funded by the National Science Foundation (Cooperative Agreement Number HRD 0402640), A. James Hicks, Ph.D., Alliance Program Director*

Helping minority students in science, technology, engineering, and mathematics since 1995.



**Amazing People**

**Pages 2-5**

*Including: Henrietta Mann; New BD Fellows; Scholars; and Alumni*

**Amazing Events**

**Page 7-9**

*Highlighted: NCUR; NSF HRD JAM; 14th Annual Research Symposium*

**Amazing Universities,**

**Administration and Staff**

**Page 11**

**Amazing Places**

**Page 6**

*Highlighted: Northwestern Oklahoma State University*

**Amazing Research and Presentation Opportunities**

**Page 10**

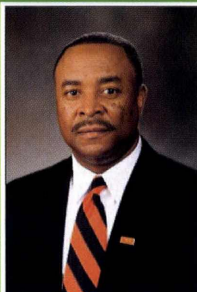
**OK-LSAMP Mission and Goals**

**Page 12 (Back Cover)**



## Biannual Newsletter

Fall 2008



### Greetings from the Director

The Oklahoma Alliance has had an exciting year. Two new Campus Coordinators have joined this prestigious group. The number of Scholars admitted to graduate programs has increased. Scholars participated in international research, as well as research projects locally and out-of-state in industry and on university campuses. The number of Scholars in the Alliance has increased, and we hope to see this trend continue.

The 14<sup>th</sup> Annual Research Symposium held on the Oklahoma State University (OSU) campus on September 20, 2008, was considered a success by all. It was such an honor to have Dr.

A. James Hicks, National Science Foundation (NSF) Program Director, attend and offer comments. Fifty-Three presentations were given by Scholars at the Symposium. Additionally, Scholars have presented at conferences nationwide and several are looking forward to presenting at the National Conference for Undergraduate Research (NCUR) to be held in La Crosse, Wisconsin, in April, 2009.

OSU was awarded Cohort VI of the NSF Bridge to the Doctorate Program which will enable 12 former Scholars to pursue advanced degrees in STEM fields. These 12 Fellows come from South Carolina, Mississippi, and Oklahoma and bring the Oklahoma Alliance total to 36 Fellows. Gordon Emslie (pictured right), OSU Dean of the Graduate College, is Co-PI on this current project and will help tremendously in the transition from NSF to university funds. We are looking forward to helping each Fellow progress on the path to the Ph.D.

I commend each of the Campus Coordinators for the great jobs they are doing with their Scholars and look forward to a successful Year 5.



### Amazing New Coordinators

**Dr. Jody Buckholtz** (pictured, left) joined the OK-LSAMP team as



Campus Coordinator of Northeastern State University (NSU) in May, 2008. Dr. Buckholtz has a BS from the University of

Central Arkansas and an MS and Ph.D. from the University of Arkansas. She is an assistant professor of analytical chemistry at NSU.

**Dr. Keith Vitense** (pictured, right) joined the OK-LSAMP team as Campus Coordinator of Cameron University (CU) in August, 2008. Dr. Vitense has a BS in chemistry and

mathematics from Black Hills State College and a Ph.D. in analytical chemistry from Oklahoma State University. He is a professor in the physical sciences department.

We want to welcome Dr. Buckholtz and Dr. Vitense to the program.





# Amazing People



## Inspiration and Encouragement

On September 15, 2008, **Dr. Henrietta Mann** was recognized at Oklahoma State University (OSU). OK-LSAMP, the Office of the Vice President for Institutional Diversity, the Native American Alumni Association, the Alumni Association, the Native American Faculty and Staff Association, and the Native American Student Association at OSU chose Dr. Mann to be the first Native American alumni to be honored in what will become an annual event.

Dr. Henrietta Mann, Cheyenne-Arapaho, graduated from Southwestern Oklahoma State University with a BS in education. She continued her education with an MS from OSU and a Ph.D. from the University of New Mexico. Dr. Mann has been an inspiring professor and/or administrator in education for nearly 30 years.

Dr. Mann has received honors from many academic institutions as well as other organizations and corporations. Perhaps the most notable of these is her recognition as one of the ten leading professors in the nation by *Rolling Stone* in 1991. Dr. Mann's talks are motivational and thought provoking. She will continue to encourage and inspire students for years to come.

The information and advice given to scholars from STEM faculty and staff, especially OK-LSAMP campus coordinators and mentors, are an integral part of the success of the OK-LSAMP program. It is the day-to-day academic and professional assistance they provide to the scholars that allows them to learn, grow, and challenge themselves to "reach for the stars." **Sylvia Chavana** had this to say (July 2008):

*"I began attending Cameron University in the spring of 2004 as an accounting major. After the first semester, I realized how boring it was and searched for a new major in something interesting that I would love. I talked to Dr. McGuire who convinced me that chemistry was the way to go.*

*That was the best advice I ever received because I probably would have changed my major a couple more times before finding something I liked. Since then, I have worked 35 hour workweeks to pay my way through college and have loved every second of it.*

*I heard about the McNair Scholars Program from my advisor, so I applied and was accepted. That's how I got involved in doing research. Then, I was informed about Louis Stokes from Dr. Snider— so I applied.*

*It opened more doors for me, and it allowed me to continue conducting research. I will graduate in May 2009, and plan on attending graduate school to further my education in chemistry."*

## International Summer Research Internships

**Brandon "Bubba" Brooks**, OSU microbiology and molecular genetics, conducted research at Cardiff University in Wales, United Kingdom. Bubba found this opportunity through his academic-year mentor, Dr. Robert Miller, OSU. Dr. Phil Norville's research in England is similar to Dr. Miller's research. Native Americans in Biological Sciences (NABS) assisted with funds for Bubba's internship.



**Lauren Miller**, OSU geology, conducted research to study field geochemical studies of the Menderes Massif in western Turkey. Lauren found this opportunity



through her department, which funded her travel and research through an NSF IRES grant while OK-LSAMP provided stipends for Lauren.

**T. Andrew Mixson**, OSU zoology and psychology, conducted research in Slovenia. Andrew found this internship through his academic-year mentor, Dr.



Charles Abramson who has conducted research on the effects of ethanol on bees in several regions world-wide. NABS assisted with funds for Andrew's internship. Andrew's research was published in two-peer reviewed journals, one of which was international.

**Lauren White**, OSU environmental sciences, conducted research on the island of Dominica. This opportunity came from a Research Experiences for Undergraduates (REU) program at Avila University in Kansas. Lauren received three transferable credit





# Amazing Scholars

hours and spent three weeks in Dominica researching West Indian Racers. Her research was also published in an article on which she was lead author. (*Iguana*, volume 15 number 3, pp. 157-159)

## Industry Summer Research Internships

**Juan Diego Alonso**, OU chemical engineering, interned with Sequoia Construction in Martinez, CA.

**Felix Betances**, OU electrical engineering, interned with the Federal Aviation Administration (FAA) in Oklahoma City, OK.

**Jonathan Campos**, OU chemical engineering, conducted research with W. L. Gore and Associates in Elkton, MD.

**Manny Cortez**, OSU civil engineering, interned with ConocoPhillips in Ponca City, OK.

**Robyn Edmonds**, CU multi-media design, developed media presentations for the Oklahoma Center for Advancement of Science and Technology (OCAST) in Oklahoma City, OK.

**Dalton Kelley**, OSU mechanical engineering, interned with General Motors in Warren, MI.

**Eric Kim**, OSU industrial engineering, interned with ConocoPhillips in Ponca City, OK.

**Lauren Losawyer**, SOSU zoology, interned with a non-profit cat rehabilitation center in Texas.

**Matt Matlock**, TU computer science, interned with True Digital Security in Tulsa, OK.

**Shawna Ong**, OU electrical engineering, interned with Raytheon Space and Airborne Systems in Dallas, TX.

**Courtney Palmer**, TU electrical engineering, conducted research

with the Geophysical Research Corporation in Tulsa, OK.

**Cody Pinkerman**, OSU mechanical and aerospace engineering, interned at Frontier Electronics in Stillwater, OK.

**Scott Rainwater**, TU electrical engineering, interned with the General Motors Technical Center in Warren, MI.

**Valentin Sanchez**, OSU mechanical and aerospace engineering, continued his research on the Pterosaur project at OSU.

**Jacob Spring**, OU electrical engineering, interned with the DSP groups of Sandia National Laboratories in New Mexico.

**Michael Walden**, OU industrial engineering, interned with Schlumberger in Houston, TX.

**S. Brett Walker**, OSU mechanical engineering, interned at Sandia National Labs in New Mexico.

**C. Doug Yarholar**, OSU civil engineering, interned with Duit Construction in Edmond, OK.

**Scott Zacharie**, OU engineering, interned with Exxon Mobil in Houston, TX.

## University Summer Research Internships

**Marshall Bailey**, LU biology, participated in a summer medical and dental enrichment program at Howard University.

**Sylvia Chavana**, CU chemistry, conducted research on her campus.

**Chris Cheek**, SOSU life sciences, conducted research on the fish of the San Juan River with a former OK-LSAMP Scholar and current New Mexico University Bridge to the Doctorate Fellow.

**Anthony DiMambro**, ECU medical physics, interned in the physics

department.

**Felicia Epko**, LU biology, participated in a Micro-up REU program at the University of Arkansas.

**Scott Fine**, OSU plant and soil sciences, conducted research through his department.

**Jennifer Hackett**, OSU biochemistry and molecular biology, conducted research at the OSU Center for Health Sciences.

**James Harding, Jr.**, LU biology, conducted research at the University of North Texas.

**Samuel Henderson**, LU biology, conducted research at North Carolina State University.

**Matt Hough**, OSU plant and soil sciences, conducted research through his department.

**L. Meghan Liles**, OSU biology, conducted cereal chemistry research in the Food and Agricultural Products Center at OSU.

**Chris Mace**, OSU geology, conducted research on geological mapping for his department.

**Robert McClure**, OU chemical engineering, interned at OU.

**Minh Ngo**, OSU biochemistry and molecular biology, interned at the OSU Center for Health Sciences.

**Shabree Nichols**, LU biology, conducted research at the University of North Texas.

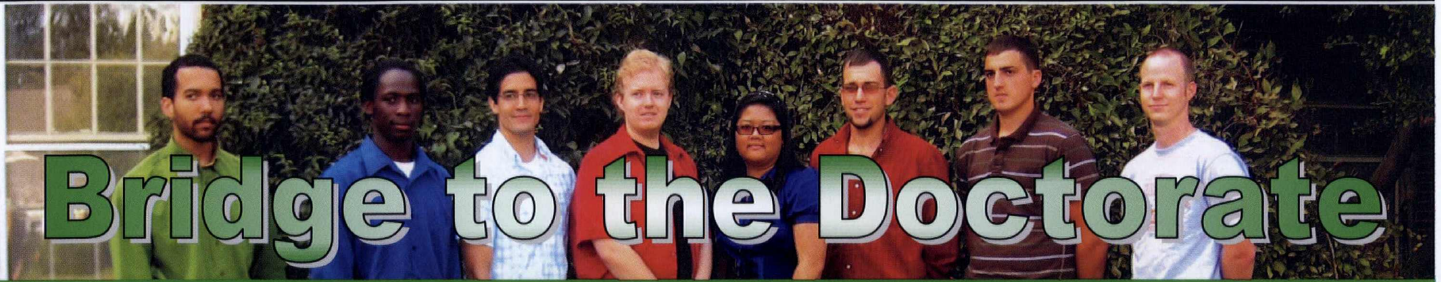
**Laticia Rivera**, OSU biochemistry and molecular biology, began research at the University of Kansas.

**Paublo Rodriguez**, CU biology, interned in his department.

**Spencer Williams**, OSU zoology, conducted tick research for his department.

(Scholars continued on p. 5)





*OK-LSAMP strives to encourage and offer opportunities for minority students to obtain their doctoral degrees in science, technology, engineering, and mathematics. Oklahoma State University has a 2004-2009 Bridge to Doctorate Program and the University of Oklahoma has a 2005-2010 Bridge to Doctorate Program. Oklahoma State University has been awarded a 2008-2013 Program for 12 more Fellows bringing the Oklahoma Alliance total to 36.*

Pictured Above L-R: Marcus Benjamin, Richard Osei, Jonathan Gonzales, Cody Pinkerman, Minh Ngo, Matt Hough, Scott Fine, Zachary Carpenter;  
Below L-R: Erik Gonzales, Michael Henry, Shawna Hughes, Doug Yarholar

Oklahoma State University has selected new Bridge to the Doctorate Fellows. Eight began Fall 2008 and four will begin Spring 2009. We are excited about the potential of this new group of Fellows. They are:

**Marcus Benjamin** BS, Chemistry, Jackson State University, 2006  
Enrolled: Chemistry

Career Goals: to teach and conduct research at a university in collaboration with another institution.

**Zachary Carpenter** BS, Electrical Engineering, the University of Tulsa, 2005; MS, Electrical Engineering, University of Tulsa, 2008  
Enrolled: Electrical Engineering

Career Goals: real-world experience as well as university level instruction *"I am so grateful to be part of the BD program. I can't wait to be a part of the "successful percentage" statistics when I get my Ph. D."*

**Scott Fine** BS, Plant & Soil Sciences, Oklahoma State University, 2008  
Enrolled: Plant and Soil Sciences with an emphasis on soil science

Career Goals: give back to his home community through government or extension services employment.

**Erik Gonzales** BS, Physics, East Central University, 2007  
Enrolled: will begin Physics Spring 2009

Career Goals: become a physics professor and stay involved with research and become a mentor to future students.

**Jonathan Gonzales** BS, Physics, East Central University, 2007  
Enrolled: Electrical and Computer Engineering

Career Goals: completely learn and apply how electrical power systems work. *"I am very excited to receive assistance to help ensure the completion of my educational goals."*

**Michael Henry** BS, Management Information Systems (MIS), Oklahoma State University, 2007  
Enrolled: will begin MIS Spring 2009

Career Goals: conduct business productivity research as well as mentor undergraduates and instruct.

**Matt Hough** BS, Plant & Soil Sciences, Oklahoma State University, 2008  
Enrolled: Plant & Soil Sciences with an emphasis on wetland function

Career Goals: a position where he can enjoy the application of his knowledge. *"The Bridge to Doctorate Program is already making things possible that I never even considered and looks to be everything promised and more!"*

**Shawna Hughes** BS, Biology, South Carolina State University, 2007  
Enrolled: will begin Food Sciences Spring 2009

Career Goals: to conduct research in food industry and become involved with college and high school students.

**Minh Ngo** BS, Biochemistry & Molecular Biology, Oklahoma State University, 2008  
Enrolled: Forensic Sciences with toxicology emphasis

Career Goals: would like to lead her own forensic toxicology lab. *"I am really excited and feel privileged to be in the BD program because it plays a major part in aiding me to achieve my lifelong goal."*

**Richard Osei** BS, Computer Science/Mathematics, Langston University, 2008  
Enrolled: Computer Science

Career Goals: to become a computer science teacher or a CEO for a company.

**Cody Pinkerman** BS, Aerospace & Mechanical Engineering, Oklahoma State University, 2008  
Enrolled: Mechanical & Aerospace Engineering

Career Goals: designing the next generation of spacecraft.

**Doug Yarholar** BS in Civil Engineering, Oklahoma State University, 2008  
Enrolled: will begin Civil Engineering Spring 2009

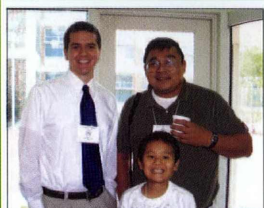
Career Goals: to own and operate a consulting firm.





# Amazing Alumni: Where Are They Now?

*OK-LSAMP is proud of our Oklahoma Louis Stokes Alliance for Minority Participation alumni and would like to share some of their successes.*



*Pictured: Edward (Right) with NABS and OK-LSAMP Scholar, Andrew Mixson, and Edward's son, Ibuki Hara, at the OK-LSAMP 14th Annual Research Symposium.*

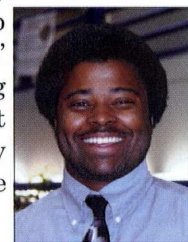
If you are an alum of OK-LSAMP, we want to hear from you. Please provide us with an update on the degrees you have earned and the projects you have completed as well as your current projects and interests and any advice you may have for current and future scholars. Thank you.

**Edward Red Leaf Hara** received a bachelors degree in mechanical engineering technology from Oklahoma State University (OSU) and an associate degree in business education from Haskell University. Ed currently serves as the OSU Coordinator of the Native Americans in Biological Sciences (NABS) Program. Like OK-LSAMP, NABS provides research and presentation opportunities for minority students. Recently, Edward accompanied two scholars to the Society for the Advancement of Chicanos and Native Americans in Science (SACNAS) National Conference in Salt Lake City, Utah.

**Seaborn Carter** received a bachelors degree in biosystems and agricultural engineering from Oklahoma State University. He earned a masters degree in biosystems and agricultural engineering from the University of Kentucky in 2000, and a second masters degree in industrial and manufacturing engineering from Florida A & M University (FAMU) this year. Seaborn is a founding member of the Florida A & M University Biofuels Consortium and is currently working for the FAMU-FSU College of Engineering. Seaborn's duties include facilitating the Florida Engineering Education Delivery System (FEEDS). This

114 Thatcher Hall  
Stillwater, OK 74078  
kay.porter@okstate.edu; 405-744-6710  
fara@okstate.edu; 405-744-7820  
okamp@okstate.edu, fax 405-744-4202

statewide system allows graduate and undergraduate engineering courses to be delivered to students over the internet or on DVD. Seaborn also manages the Center for Academic Support in Engineering (CASE) Laboratory. This lab supports students' efforts by providing an environment where they may receive one-on-one tutoring.



## Amazing Scholars Continued...

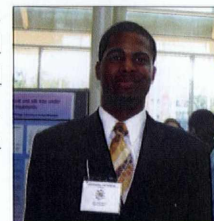
**Leethaniel Brumfield, III**, a senior biology and chemistry double major and OK-LSAMP scholar from Langston University, anticipates the opportunity to study abroad as a 2009 recipient of the Brad Henry International Scholars Program.

The Brad Henry International Scholars Program, established by the Oklahoma State Regents for Higher Education in June 2008 for Oklahoma regional university students, provides a \$10,000 stipend for students to participate in a semester-long study or research program affiliated with Swansea University in Wales, United Kingdom. In addition, the students are given a scholarship package that includes a pre-seasonal module of field trips, tuition, accommodations, and an unlimited bus pass to venture other European countries.

Brumfield is the first student selected from Langston University and will be part of the second

group of Oklahoma students selected to spend a semester in Wales. The spring study abroad session begins in early January 2009 and will end in late May 2009. Before his departure to Wales, Brumfield looks forward to meeting Oklahoma Governor Brad Henry during an awards ceremony intended to formally recognize the awardees and introduce them to the governor.

"I am extremely excited about being able to study overseas and experience the academic environment and educational system at Swansea University," Brumfield said. "This remarkable opportunity will afford me the chance to grasp globalization and European culture firsthand." Upon graduating from Langston University, Brumfield anticipates entering a research-based Ph.D. environmental science program. Thereafter, he aspires to become a science professor.





# Amazing Places

*Partner campuses in the Oklahoma Louis Stokes Alliance for Minority Participation are featured in this and subsequent issues of The Link. Each partner institution is vital to the success of the Alliance, and it is only fitting to highlight the special qualities and characteristics of each campus that contribute to that success.*

## Northwestern Oklahoma State University

serves the large geographical region of northwestern Oklahoma through its main campus in Alva and additional campuses in Woodward and Enid. Through its distance learning systems, Northwestern also offers courses in Goodwell and Ponca City.

Northwestern enrolled 2,096 students for the fall semester of 2008 and its student population is becoming more diverse. Nearly 15 percent of Northwestern's students come from minority groups or other countries. Recently, Northwestern signed a student and faculty exchange agreement with SIAS University in China.



Academic programs in nursing and education have received national accreditation and the University's social work program also is pursuing national accreditation.

While the primary focus of Northwestern's faculty is teaching, the University is making great strides in conducting research and developing a research culture throughout its student population.

Through the support of its alumni and supporters, Northwestern has secured 21 endowed faculty chairs and two endowed lectureships, including recent endowments in science and agriculture.

U.S. News and World Report's 2008 college rankings recognized Northwestern for graduating its students with one of the lowest debt loads of any baccalaureate institution in the western United States. Additionally, U.S. News ranked Northwestern as the top regional university in Oklahoma.

Northwestern is transforming its Alva campus with major renovations to the Science Building and the Health and Physical Education Building totaling \$4.95 million. Construction was completed this fall on a \$3.2 million general classroom and office complex that will be the home for Northwestern-Woodward.





# Amazing Events

## The 22nd National Conference for Undergraduate Research (NCUR)

NCUR was held April 10-12, 2008, in Salisbury, Maryland. Presentations were given by three OK-LSAMP scholars from the University of Tulsa (TU)—Matt Matlock, Matt Butler, and Thomas Kantowski; and one scholar from Oklahoma State University (OSU)—Laticia Rivera. Dr. J. C. Diaz, Tulsa Campus Coordinator, made a presentation on OK-LSAMP. Dr. Sharon Lewis, Langston University (LU) Campus Coordinator, and Kay Porter, Program Manager, attended the event as well.

*Pictured L-R: Thomas Kantowski, TU; Matt Matlock, TU; Dr. J. C. Diaz, TU; Kay Porter, OSU; Laticia Rivera, OSU; Blake McMahon, OSU; Matt Butler, TU; and Sharon Lewis, LU.*



## National Science Foundation Human Resources Division Joint Annual Meeting (JAM)



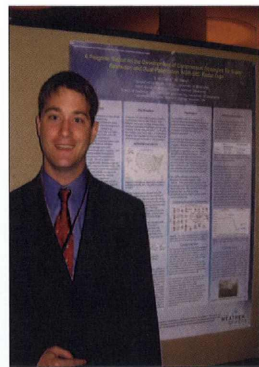
*L-R: Fara Williams, Dr. Thomas Landers, Dr. Pulat, Susy Calonkey, Kay Porter*

University of Oklahoma (OU) Co-PI; Susan Calonkey, OU Coordinator; and four OU Bridge to the Doctorate Fellows—Shawn McCarroll, Felix De La Cruz, Steven Harris, and Kevin James. The OU Dean of Engineering, Dr. Thomas Landers, was also present. Shawn McCarroll



*L-R: Dr. Bass, Dr. Thomas, Dr. Hicks*

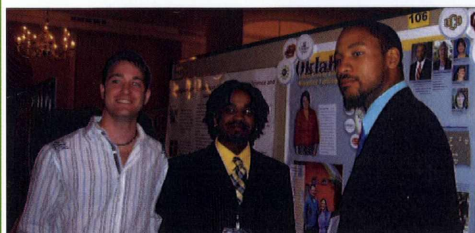
JAM occurred on June 16-19, 2008. Attendants from Oklahoma LSAMP included Dr. Cornell Thomas, PI/Director; Kay Porter, Program Manager; Fara Williams, Data Coordinator; Dr. P. Simin Pulat,



*S h a w n McCarroll, BD Fellow from the University of Oklahoma, presented a poster at the Joint Annual Meeting.*

presented a poster entitled, "A Progress Report on the Development of Compression Strategies for Super-Resolution and Dual-Polarization WSR-88D Radar Data."

conference, OK-LSAMP Administration had the privilege to meet with NSF LSAMP Program Administrators Dr. A. James Hicks, Dr. Harry Bass, and Ms. Martha James.



*L-R: Shawn McCarroll, Kevin James, Steven Harris*

At the conclusion of the



*L-R: Dr. Bass, Fara Williams, Dr. Thomas, Martha James, Dr. Hicks, Kay Porter*

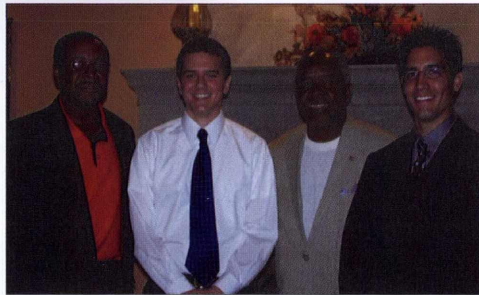


# Amazing Events: The 14th

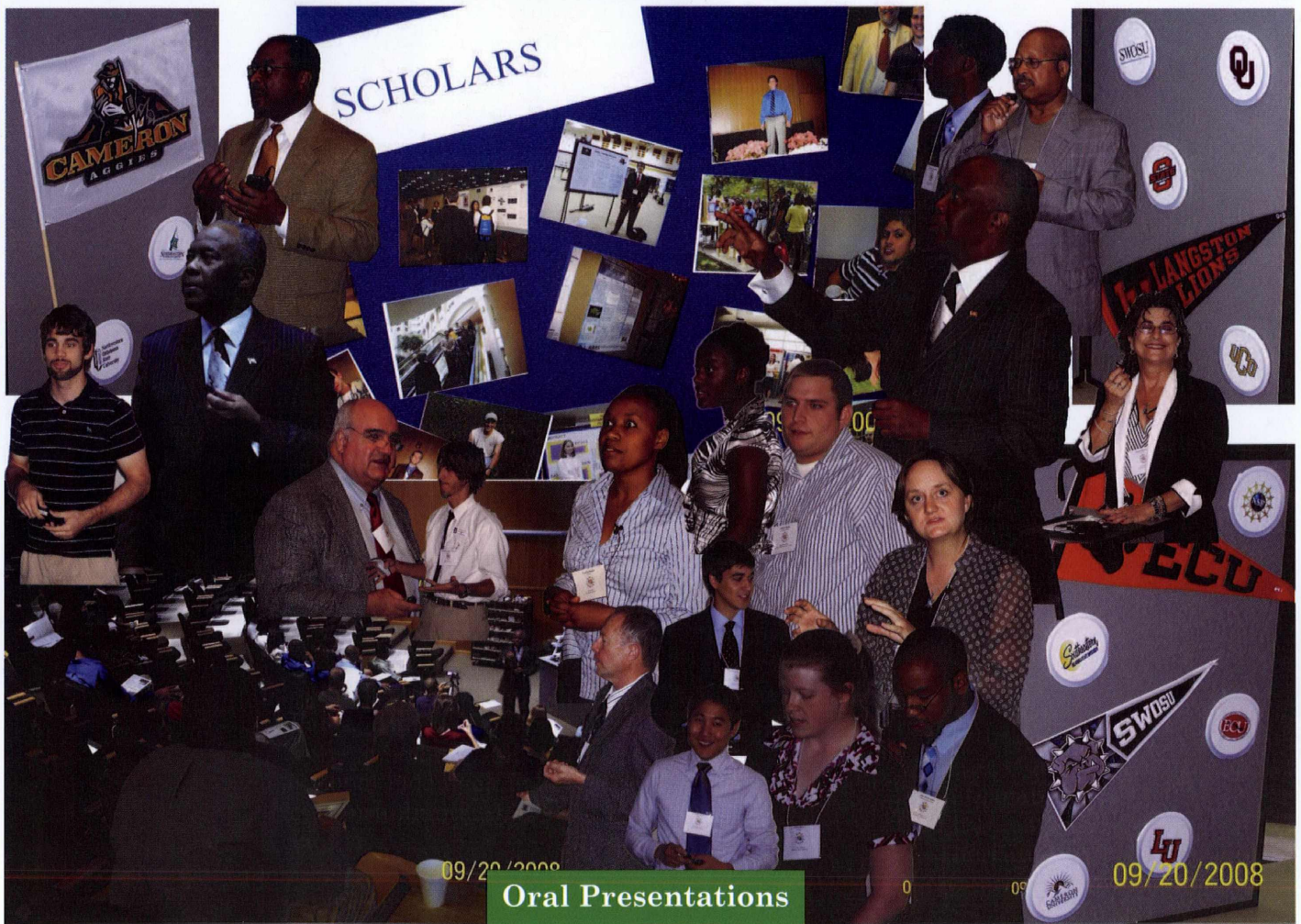


*Dinner Friday Night*  
Pictured Left: L-R:  
Jonathan Gonzales,  
Dr. A. James Hicks,  
and Dr. Earl  
Mitchell, Jr.

*Pictured Right: Dr.  
Cornell Thomas, T.  
Andrew Mixson, Dr.  
A. James Hicks, and  
Jonathan Gonzales.*



**The 14th Annual Research Symposium** was held on Saturday, September 20, 2008, on the Oklahoma State University, Stillwater campus. It was an honor to have Dr. A. James Hicks, NSF LSAMP Program Director, in attendance. Rebecca Haacker-Santos and Talea Mayo shared information about the Significant Opportunities in Atmospheric Research and Science (SOARS) Program. Dr. J. C. Diaz and Dr. Carl Rutledge (OK-LSAMP Coordinators) provided Ethics Research sessions. Fourteen students gave oral presentations and 34 students presented posters. The 119 participants in this year's event included 73 graduate and undergraduate students and 35 faculty and staff. Recruitment tables



09/20/2008  
**Oral Presentations**



# Annual Research Symposium



Poster Presentations above; Recruitment Tables below

were displayed by Frontier Electronics, OG&E, the OSU Graduate College, the University of Oklahoma Graduate College, EPSCoR/OSU Department of Physics, OSU Center for Health Sciences, and SOARS. We are thankful to all of the presenters and recruiters for volunteering their time and resources for this event. We want to thank event volunteers for their invaluable assistance. We also want to thank Dr. A. James Hicks for attending and speaking to the BD Fellows and other symposium attendees. His presence was inspiring and encouraging.





# Amazing Research & Presentation Opportunities

NOW IS THE TIME TO BEGIN THE APPLICATION PROCESS FOR SUMMER 2009 INTERNSHIPS.

**Research experiences** are an integral part of the OK-LSAMP program. It is important for each scholar to seek, apply for, and participate in full summer internships. There are a variety of opportunities available. Below are a select few. Additionally, using a few key words on a Google search will help you identify many great opportunities.

- ⇒ Research Experiences for Undergraduates (REU) funded by the National Science Foundation. These opportunities exist all across the nation with several international opportunities. Search for an REU program that fits your discipline and/or interests. [www.nsf.gov/crssprgm/reu/reu\\_search.cfm](http://www.nsf.gov/crssprgm/reu/reu_search.cfm).
- ⇒ The University of Rochester has paid summer internship programs. <http://www.rochester.edu/research/>.
- ⇒ Internship programs in biology. <http://www.columbia.edu/cu/biology/ug/intern.html>.
- ⇒ Research and Training Opportunities at the National Institute of Health. <http://www.training.nih.gov/student/sip/>.
- ⇒ 2009 MIT Summer Research Program in the Biological Sciences and Related Fields—dates: June 1-August 9, 2009. **Application Deadline: January 30, 2009.** [http://mit.edu/biology/www/outreach/summer\\_research/undergraduates.html](http://mit.edu/biology/www/outreach/summer_research/undergraduates.html).
- ⇒ Pathways to STEM Undergraduate Summer Research Opportunities can be searched by Institution, Discipline, and by Region. <http://www.ibparticipation.org/IBPSummerresearch.asp>.
- ⇒ Other research opportunities that can be easily searched on-line include: IDeA Networks of Biomedical Research Excellence (INBRE) programs, Summer Undergraduate Research Experience (SURE) programs, and Summer Minority Advanced Research Training (SMART) programs.

**Presentations** are an important step to developing the skills necessary for sharing research ideas, processes and results. In order for OK-LSAMP Scholars to be prepared for and competitive in their respective fields, presentation experience is essential. Conferences are also a great way to network and meet people with whom future collaborations may develop. Below are opportunities for undergraduate students to attend conferences and present research projects. Remember to check the deadlines for submitting abstracts and completing travel scholarship applications.

- ⇒ 20th Annual OSU Research Symposium and Research Scholar Conference, Oklahoma State University, Stillwater, Oklahoma, February 18-20, 2009. <http://gradcollege.okstate.edu/events/ressymp/default.htm>.
- ⇒ National Society of Black Engineers 35th Annual National Convention, Las Vegas, Nevada, March 25-29, 2009. <http://www.resquest.com/nsbe2009/>.
- ⇒ Ranger Research Day, Northwestern Oklahoma State University, Alva, Oklahoma, April 3, 2009. <http://nwosu.edu/ranger-research-day>.
- ⇒ Student Research and Performance Day, University of Oklahoma, Norman, Oklahoma, April 4, 2009. [www.ou.edu/honors/](http://www.ou.edu/honors/) (Choose from the “Student Undergrad Research” menu on the left).
- ⇒ 23rd National Conference for Undergraduate Research (NCUR), University of Wisconsin, La Crosse, Wisconsin, April 16-18, 2009. <http://www.uwlax.edu/ncur2009/>.
- ⇒ Oklahoma Academy of Science Spring Field Meeting, Eufaula State Park, TBA. <http://oas.ucok.edu>



# Amazing Universities

For information on each partner campus including admission qualifications and student services, visit the websites of the universities. For information about the OK-LSAMP program on each campus, contact the Campus Coordinator for that campus.

Oklahoma State University (OK-LSAMP Lead Institution)—[osu.okstate.edu](http://osu.okstate.edu), Cameron University—[www.cameron.edu](http://www.cameron.edu), East Central University—[ecok.edu](http://ecok.edu), Langston University—[www.lunet.edu](http://www.lunet.edu), Northeastern State University—[nsuok.edu](http://nsuok.edu), Northwestern Oklahoma State University—[nwosu.edu](http://nwosu.edu), Southeastern Oklahoma State University—[www.se.edu](http://www.se.edu), Southwestern Oklahoma State University—[www.swosu.edu](http://www.swosu.edu), University of Central Oklahoma—[www.uco.edu](http://www.uco.edu), University of Oklahoma—[www.ou.edu/](http://www.ou.edu/), University of Tulsa—[www.utulsa.edu](http://www.utulsa.edu)

## Administration & Partners

### ADMINISTRATION

Institutional Diversity, 408 Whitehurst  
OK-LSAMP, 114 Thatcher Hall  
Oklahoma State University  
Stillwater, OK 74078  
[okamp@okstate.edu](mailto:okamp@okstate.edu)

#### Cornell Thomas, Ed.D.

VP for Institutional  
Diversity  
PI/Program Director  
Stillwater, OK  
(405) 744-9154  
[c.thomas@okstate.edu](mailto:c.thomas@okstate.edu)



#### Kay Porter

Program Manager  
Stillwater, OK  
(405) 744-6710  
[kay.porter@okstate.edu](mailto:kay.porter@okstate.edu)



#### Fara Williams

Program Data Manager  
Stillwater, OK  
(405) 744-7820  
[fara@okstate.edu](mailto:fara@okstate.edu)



#### Rosemary Hayes, Ph.D.

Program Evaluator  
Norman, OK  
(405) 325-2158  
[rhayes@ou.edu](mailto:rhayes@ou.edu)



### PARTNERS

#### Cameron University (CU)

Keith Vitense, Ph.D.  
Lawton, OK  
(580) 581-2887  
[keithv@cameron.edu](mailto:keithv@cameron.edu)



#### East Central University (ECU)

Carl Rutledge, Ph.D.  
Ada, OK  
(580) 559-5392  
[crutledge@mac.com](mailto:crutledge@mac.com)



#### Langston University (LU)

Sharon Lewis, Ph.D.  
Langston, OK  
(405) 466-3316  
[salewis@lunet.edu](mailto:salewis@lunet.edu)



#### Northeastern State University (NSU)

Jody Buckholtz, Ph.D.  
Tahlequah, OK  
(918) 456-5511 x3839  
[buckholt@nsuok.edu](mailto:buckholt@nsuok.edu)



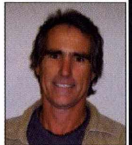
#### Northwestern Oklahoma State University (NWOSU)

Timothy J. Maharry, Ph.D.  
Alva, OK  
(580) 327-8583  
[tjmaharry@nwosu.edu](mailto:tjmaharry@nwosu.edu)



#### Southeastern Oklahoma State University (SOSU)

Tim Patton, Ph.D.  
Durant, OK  
(580) 745-2284  
[tpatton@se.edu](mailto:tpatton@se.edu)



#### Southwestern Oklahoma State University (SWOSU)

Brian Campbell, Ph.D.  
Weatherford, OK  
(580) 774-3118  
[brian.campbell@swosu.edu](mailto:brian.campbell@swosu.edu)



#### University of Central Oklahoma (UCO)

Gregory Wilson, Ph.D.  
Edmond, OK  
(405) 974-3497  
[gwilson@uco.edu](mailto:gwilson@uco.edu)



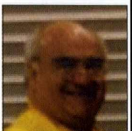
#### University of Oklahoma (OU)

Simin Pulat, Ph.D.  
Norman, OK  
(405) 325-1069  
[pulat@ou.edu](mailto:pulat@ou.edu)

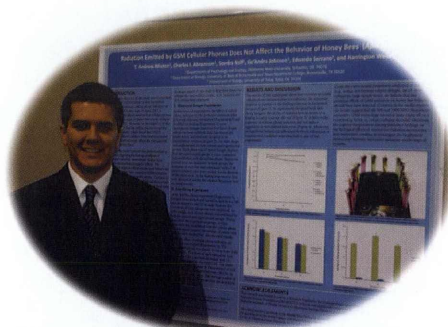


#### University of Tulsa (TU)

J. C. Diaz, Ph.D.  
Tulsa, OK  
(918) 631-2228  
[diaz@utulsa.edu](mailto:diaz@utulsa.edu)







Pictured above L-R: Zachary Carpenter, OSU BD Fellow; Andrew Mixon, OSU Scholar; and Cammi Valdez, SWOSU Scholar

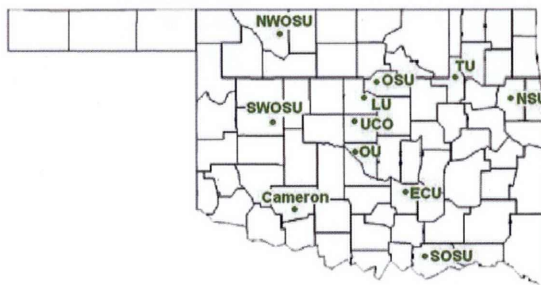
**Oklahoma Louis Stokes Alliance for Minority Participation In Science, Technology, Engineering, and Mathematics**  
Oklahoma State University, 114 Thatcher Hall, Stillwater, OK 74078  
[www.ok-lsamp.okstate.edu](http://www.ok-lsamp.okstate.edu), [okamp@okstate.edu](mailto:okamp@okstate.edu)

**Our Mission:** *The Oklahoma Louis Stokes Alliance for Minority Participation (OK-LSAMP) is a consortium of Oklahoma colleges and universities working together to develop programs aimed at increasing the number of students from under-represented populations who receive degrees in Science, Technology, Engineering, and Mathematics (STEM).*

**Our Goals:** *In 2004, we entered Phase III of the OK-LSAMP program. In this phase, the primary goals focus on the expansion of undergraduate research experiences, intense graduate school preparation, and entrance into doctoral programs.*



**If you know of an amazing: person** such as an outstanding mentor, excellent presenter/author, new doctoral graduate, award winner, former OK-LSAMP scholar, and/or just an especially dedicated person; **place** such as a campus, lab/research facility, or locations of conferences and/or symposiums; or **event** such as symposiums, research days, conferences, or other places of interest; **please let me know.** Be sure to include as many details as possible about the person, place, or event, and contact information for you in case I have questions or need more information. I look forward to creating future issues to keep everyone informed on the Amazing People, Places, and Events of the



Oklahoma Louis Stokes Alliance for Minority Participation in Science, Technology, Engineering, and Mathematics.

*Thank you. Fara Williams-*

**If you have questions, comments, or suggestions for The Link,**  
**please call 405-744-7820 or e-mail [fara@okstate.edu](mailto:fara@okstate.edu).**

Any opinions, findings, and conclusions expressed in this material are those of the author(s) and do not necessarily reflect the views of the National Science Foundation.

Oklahoma State University in compliance with Title VI and VII of the Civil Rights Act of 1964, Executive Order 11246 as amended, Title IX of the Education Amendments of 1972, Americans with Disabilities Act of 1990, and other federal laws and regulations, does not discriminate on the basis of race, color, national origin, sex, age, religion, disability, or status as a veteran in any of its policies, practices, or procedures. This includes but is not limited to admissions, employment, financial aid, and educational services. This publication is issued by Oklahoma State University and printed for OK-LSAMP at no cost to the taxpayers of Oklahoma.