

OK-LSAMP

Scholar Profiles



Oklahoma Louis Stokes Alliance for
Minority Participation

Funded by the National Science Foundation

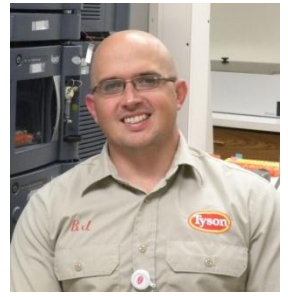
September 2011

ALUMNI

JUAN DIEGO ALONSO. Spend a few minutes in conversation with Juan Diego Alonso, and you'll witness unbridled passion about research in this University of Oklahoma Chemical Engineering graduate. His research topics include the effects of curcumin, from the Indian spice Tumeric, on pancreatic cancer and the effects of MMP inhibitors on myofibroblasts' alpha smooth muscle actin protein. He was on the Dean's and President's Honor Roll and volunteered in hospitals and a cancer treatment center. Juan doesn't have to tell you he loves research and values the experiences afforded to him by LSAMP. The enthusiasm shows in his eyes.



where he received his BS - Magna Cum Laude - in Chemistry and Biology in the spring of 2003. While at SOSU, B.J. was a NIH Minority Biomedical Research Fellow. Under the advisement of Dr. John Wright, he was first introduced to the world of research. In the fall of 2003, he joined the Texas A & M chemistry department where he received his Ph.D. in the fall of 2009 under the direction of Dr. Coran Watanabe. During his time at Texas A & M, B.J. was a fellowship award winner of a NIH grant for the Chemistry/Biology Interface Training program. Upon graduation, B.J. was a NIH sponsored post-doctoral fellow at The Samuel Roberts Noble Foundation in the Plant Biology department under the advisement of Dr. Lloyd Sumner. B.J. is now a chemist for Tyson Foods, Inc. in the corporate lab in Springdale, Arkansas. Since being involved with OK-LSAMP, B.J. has had numerous peer reviewed papers published, a book chapter, numerous presentation awards, and other accolades.



MARSHALL BAILEY completed his BS in Biology in May 2010. He participated in three summer internships including a summer medical and dental enrichment program at Howard University.

Currently, Marshall is in graduate school at McHarry Medical School.

ANTHONY BANKS graduated in May 2010 from Southeastern Oklahoma State University with a BS in Physical Sciences. He participated in two summer internships including a Research Experience for Undergraduates at Oklahoma State University. He made state and national presentations including the American Chemical Society. Anthony is currently in the Industrial Hygiene MS program at the University of Oklahoma.



TRAVIS BENNETT completed his BS degree in Computer Science from East Central University in 2008. Currently, he is working as a computer programmer.



KELAN BERRY completed his BS degree in Industrial Engineering at the University of Oklahoma in 2011. Currently, he is completing a MS degree in Secondary Education at the University of Central Oklahoma while teaching high school pre-engineering courses at Metro Technology Center in Oklahoma City.



RHONDA BARKHEIMER completed her BS and MS degrees from East Central University in Mathematics. Currently, she serves as Principal for New Lima Public Schools in Wewoka, OK.

DR. BJ BENCH OK-LSAMP scholar from 2001-2003, grew up in Allen, Oklahoma, where he graduated valedictorian of his high school class in spring of 1999. That fall, he began attending Southeastern Oklahoma State University (SOSU)



ERIN BEVIL completed his BS from East Central University in 2005. He is currently employed full time as a Heating and Cooling Engineer with Earth Smart Controls in Oklahoma City, Oklahoma.

KEVIN BISHOP completed his BS in Engineering from East Central University in 2002. Currently, he works as a Senior Electrical Systems Engineer for the People's Electric Cooperative in Ada, Oklahoma.



I believe it was the summer of 1999 when I was given the opportunity to participate in this program. I appreciated the benefits of getting to work with knowledgeable professors like Dr. Carl Rutledge (Physics). Dr. Rutledge was also my physics advisor. The program also gave me access to new technology obtained by the physics department. My project was the design and construction for a new observatory facility to house the schools 18" Schmidt-Cassegrain telescope as well as set up, testing and data sampling utilizing the Physics Departments new digital camera system to be mounted on the telescope. I use the problem solving skills that I acquired during my time at East Central University every day in my current position as an Electrical Systems Engineer.



STEVEN BOND completed his BS degree requirements at Southwestern Oklahoma State University in 2005 and a MS degree in 2010 from Oklahoma State University in Environmental Sciences. He is

currently working for the Chickasaw Nation as the Ecological Resources Manager.

I first heard of the OK-LSAMP program during my undergraduate degree at SWOSU in Weatherford, Oklahoma, where Dr. Brian Campbell took me in and assisted with developing my skills as a scientist and presenter. OKAMP has provided me many opportunities to hone and further develop those skills.

ZACK BRODERICK Completed his BS degree in May 2010 from East Central University and is currently attending Pharmacy School at Southwestern Oklahoma State University.



BRANDON "BUBBA" BROOKS completed his BS degree in Microbiology at Oklahoma State University in 2010. He is currently attending graduate school at the University

of California-Berkeley. At the undergraduate level, Brandon conducted research on skin cancer and participated in numerous presentations and summer internships including the Center for Disease Control and a summer in Wales.

ERICA BROWN, University of Oklahoma, completed requirements for the BS degree in Chemical Engineering-summa cum laude-in May 2010. As an undergraduate, she received the Goldwater Scholarship and is currently a PhD student at Duke University in the Biomedical Engineering program. Erica was awarded a National Science Foundation Graduate Research Fellowship Program award in 2010.



LEETHANIEL BRUMFIELD, III, a Biology and Chemistry double major from Langston University, received numerous awards: Brad Henry International Scholars Award to study abroad in Wales, United Negro College Fund (UNCF) / Merck Undergraduate Science Research Scholarship Award, represented LU at the George Washington Carver Research Program, and a 2007-2008 honoree in Who's Who Among Students in American Colleges and Universities. Currently, he is a graduate student at the University of North Carolina supported by the National Science Foundation Graduate Research Fellowship Program award.

NICOLE BRYANT received her BS degree in Botany from Oklahoma State University in 2011. Currently, she is continuing in the MS program in the OSU Botany department.



The LSAMP program benefited me by providing me with connections to people at OSU and other schools, and it provided me with opportunities to present my research at different conferences.



JONATHAN CAMPOS received a BS in Chemical Engineering from the University of Oklahoma. He participated in summer internships at UPS, W.L. Gore and Associates, and John Zink. He is currently a Bridge to the Doctorate Fellow at Drexel University.

SEABORN CARTER received a BS degree in Biosystems and Agricultural Engineering from Oklahoma State University. He earned a MS degree in Biosystems and Agricultural Engineering from the University of Kentucky in 2000, and a second MS degree in Industrial and Manufacturing Engineering from Florida A & M University (FAMU). Seaborn currently facilitates the Florida Engineering Education Delivery System (FEEDS) for FAMU. He also manages the Center for Academic Support in Engineering (CASE) Laboratory.



is pursuing a graduate degree in New York.

KARA CHAPMAN - KANEDY and her twin sister, Levica, both received BS degrees in Physics from East Central University in 2004. Currently, Kara is completing requirements for a PhD in Applied Physics at Texas A&M University in College Station, Texas. The lab where she works uses scanning tunneling microscopy (STM) to perform nanoscale analysis of semi-conductor materials.



OKAMP Research Symposiums gave me the opportunity to present my research and interact with other students in the STEM fields as well as providing information for graduate school preparation. One should build a support group - include people in your major with whom you can study as well as people not in your major with whom you can socialize outside of the classroom. Also, there is always support available for minorities in the STEM discipline, but you have to sometimes look for it. Be on a continual lookout for that.



DR. SID CARTER received a BS degree from Oklahoma State University in 2001. Additionally, he received a Licentiate of Philosophy from Stockholm University in 2006 and a

PhD in 2008, also from Stockholm University. Currently, he is serving as a Post-doctoral Researcher at Karolinska Medical Institute, Stockholm, Sweden.

My experiences with OK-LSAMP helped me in a number of ways. OK-LSAMP offered me the opportunity to begin working in a research environment early.

ADRIAN CASIAS graduated from Oklahoma State University in 2000 with a BS degree in Chemical Engineering. In January of 2002, he received a Master's degree in Chemical Engineering from Stanford University. Adrian is employed by Sandia National Labs. He has worked with weapons packaging such as Low Temperature Cofired Ceramics (LTCC), High Temperature Cofired Ceramics (HTCC), Thick Films (TKN), MEMS, microfluidic and/or optical integration, and other prototype applications.



LEVICA CHAPMAN - SMITH and her twin sister, Kara, both received BS degrees in Physics from East Central University in 2004. Currently, Levica is working on a PhD in Applied Physics at Texas A&M University in College Station, Texas. She works in a low temperature condensed matter lab with super conducting materials, analyzing physical properties at low temperatures using a Quantum Design Physical Property Measurement System (PPMS). She is also working with amorphous metal alloys.



CHRISTOPHER CHEEK conducted research on aquatic wildlife while at Southeastern Oklahoma State University. He is currently in graduate school at Texas Tech.



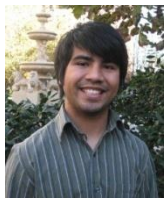
KENNIA CASTILLO graduated from East Central University with a BS degree in December 2010. She made many state and local presentations including Oklahoma Research Day. Currently, she



KEMPNER "TREY" COLE completed a BS degree from Oklahoma State University in Civil Engineering in 2011. Trey was a member of AISES and participated in summer internships at NASA and

Wal-Mart. Currently, he is employed full-time as a Civil Engineer in Tulsa, Oklahoma, with plans to attend graduate school.

For me OK-LSAMP is more than just a scholarship program. It is by far the best support program I have ever been a part of. Without the support from Kay and Fara, I would have never become involved in undergraduate research, which has opened many doors for me and has challenged me to become a better, more well-rounded student. I recommend this program to all of my friends and family. I cannot say enough with how helpful the program is and how much I admire its leadership at OSU.



GERARDO CONANAN JR is in a 5-year accelerated BS/MS degree program at the University of Oklahoma majoring in Mechanical Engineering. He will complete all requirements by Spring, 2012. His

next step is to take the FE and PE exams, pursue an MBA and most likely a PhD. He has participated in summer internships at Schlumberger and GE Aviation.

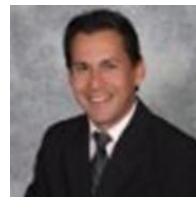
ROSE COOPER received a BS in Chemistry from Langston University. She participated in summer internships at Langston as well as the University of Oklahoma. She made state and national presentations and attended conferences such as the Women of Color STEM Conference in Dallas, Texas.



JUAN "MANNY" CORTEZ graduated from Oklahoma State University--magna cum laude--in Civil Engineering, 2010. He was selected as an OSU Outstanding Senior and the top hire for ExxonMobil Oil Company. He served as president of the Hispanic Student Association and the Minority Engineering Program and many other leadership roles.



DR. PATRICIA DAVIS completed degree requirements for a BS degree at East Central University. She continued her education with dental school and currently has her own practice.



PAUL DE LA CERDA received a BS in Civil and Environmental Engineering (1999) and a MBA from Oklahoma State University (2000). He also received an Executive Management degree from Darden Graduate School of Business Administration. Paul has been involved in the start-up of numerous companies and owns and operates his own marketing consulting firm. Additionally, he is the Associate Dean of Academic Affairs, Los Angeles Southwest College, California. He has been extremely involved in community organizations, was selected as a Los Angeles 40-under-40 award winner and one of the 51 most influential people in Santa Clarita. He serves as the youngest and first Hispanic publicly elected School Board Member for the Saugus Union School District, serves as the Director of Operations & Marketing for his local newspaper, The Signal, and was most recently honored by the OSU MBA School in honor of the 50th Anniversary of the program. As an undergraduate Scholar, Paul received a US Patent for his "Pooch Pass" invention and established the first Oklahoma Hispanic Chamber of Commerce.

CHAD DELOZIER graduated with a BS degree from East Central University in 2000. Chad is currently employed as a networking specialist and computer programmer for Wal-Mart, Inc. in the Bentonville, Arkansas.



CHRISTOPHER MATTHEW DUNCAN, a Geology student at Oklahoma State University, completed requirements for a BS degree in 2011. Matt interned with NASA and made numerous presentations as well as served as president of the local Geology Club. He is currently employed as a Geologist in Denver, Colorado.



JOSEPH DYER received a BS in Life Sciences from Southeastern Oklahoma State University. He presented at the 57th Annual Meeting of the Southwestern Association of Naturalists in 2010. He is currently pursuing a graduate degree in Natural Resources Management at Oklahoma State University.





RYAN EDWARDS received his BS in Biomedical Engineering from the University of Oklahoma in May 2011. He has had four full-summer internships at various locations across the nation. He participated in a National Nanotechnology Infrastructure Network REU at Georgia Tech, a summer at the Bioengineering Summer Institute in Clemson, South Carolina, and a summer with Goldman Sachs in Salt Lake City, Utah.

OK-LSAMP has provided me with the proper tools to reach my future academic goals. It has introduced me to strong connections of professors and professionals in my career field. It has also allowed me to explore the realm of university research. It constantly motivates me to do well and to secede. The fellowship check is also rewarding and makes it even more desirable to reach higher levers of research/education. Of course, my plans following completion of my current studies are to move directly into graduate school, wherein I will work toward a MD/PHD in biomedical engineering. I would like to work in the area of research and development for private industry. In the private sector is where I feel that I can most utilize my skills and knowledge in my efforts to better the world and affect people in a positive way. Finally, I want to be a medical researcher. OK-LSAMP has helped my expand my interest in research and allowed me to be active in my own university while also providing valuable workshops that will help me on my journey to my PHD.

JASON CONNOR FERGUSON

graduated from Oklahoma State University in 2011 and immediately began PhD studies in Plant and Soil Science at the University of Nebraska. While at OSU, Connor was selected as an Outstanding Senior and presented his research at conferences including the national conference for the Society for the Advancement of Chicanos and Native Americans in Science (SACNAS). He served in many leadership positions including the Homecoming Committee and president of his fraternity.



Without the OK-LSAMP program, I would have never gone to graduate school, nor accomplished the things and solved the problems that I will now be able to through the rest of my career. There is no price that you can put on this program, and its

existence is so powerful for minority students just like me.



WILFORD FLOREZ completed requirements for the BS degree in Agriculture with a concentration in Environmental Science from Cameron University in May 2011. His long terms goals are to attend graduate school and establish baseline research on a closed environmental system that recycles waste materials.

TIFFANY FRIETZ received her BS degree in Microbiology from Oklahoma State University in 2003. She received her Master of Public Health in community health education degree from New Mexico State University in 2006. Tiffany also became a Certified Health Education Specialist in April of 2006. She is currently the Community Health Education representative at the Pawnee Nation Tribal College in Oklahoma.



SHAROME GOODE received his BS in Chemistry from the University of Central Oklahoma. He was selected to participate in the Significant Opportunities in

Atmospheric Research & Science (SOARS) program in Boulder Colorado conducting research at the University Corporation for Atmospheric Research. He also presented at the 2011 National Conference for Undergraduate Research (NCUR).

JOANNE GONZALES

completed her Biology BS degree from Southwestern Oklahoma State University in 2006 and her MS in Cell Biology, Vision Research from the University of Oklahoma Health Sciences Center. Currently, she is a manager for Clinical Data Management for the Statistics and Data Corporation in Tempe, Arizona. *Research increased my excitement about learning and has opened my eyes to many career options and opportunities.*





MARY HACKLEBERRY currently uses the knowledge and skills she gained in her BS degree program and as an OK-LSAMP scholar in her position as the Director of Veterans Programs at East Central University. Mary began her position in 2002, following her graduation.

DR. HEATHER HANNAH

received her BS degree in Math from East Central University in 2002. She attended the University of Notre Dame where she was a part of EDGE (Enhancing Diversity in Graduate Education): A Mathematics Program for Women—sponsored in part by the National Science Foundation. In 2007, she received her PhD and returned to ECU as an Assistant Professor. She is the advisor/mentor for the ECU Math Club as well as a McNair Mentor and a Project NExT (New Experiences in Teaching) Fellow sponsored by the Mathematical Association of America (MAA).



EDWARD RED LEAF HARA received a BS degree in Mechanical Engineering Technology from Oklahoma State University and an associate degree in Business Education from Haskell University, Kansas. Ed served as the OSU Coordinator of the Native Americans in Biological Sciences program and President of the Native American Faculty and Staff Association while at OSU. Currently, he works for the Otoe–Missouri Tribe.

ELAINE HARDER - KIMBLE

received her BS in Agriculture from Cameron University. She experienced so much during her college years. She has travelled to Brazil for a summer internship. She was selected to present her research at the Oklahoma Research Day at the Capitol where she placed first among regional universities and second overall. She participated in an Oklahoma IDeA Network of Biomedical Research Excellence program. She also presented at Oklahoma Research Day and the International Conference on Pig Reproduction in Bannf, Canada.



DR. JEREMY HARRISON received his BS degree in Physics from East Central University, his MS degree in psychology from Emory University, and an M.D. from Duke University. Currently, Dr. Harrison is a practicing psychiatrist in North Carolina.

SOFIRI HART completed requirements for a Mechanical Engineering BS degree from Oklahoma State University in 2003. He continued his education by earning a Petroleum Engineering MS degree from the University of Oklahoma in 2005. Currently, Sofiri is conducting research in Baku, Azerbaijan.



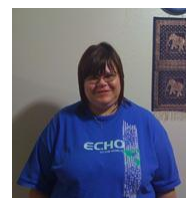
The OK-LSAMP program prepared me in many ways. It provided me with preparatory sessions for graduate school and helped me in making decisions about obtaining a Master of Science degree in Petroleum Engineering. It allowed me to pursue my interests and keep an eye on the practicality of my choice, especially in these uncertain times.



PRINCESS HAYS is a Langston University scholar majoring in Mathematics. She made many presentations including Oklahoma Research Day.

The most beneficial part of OK-LSAMP is knowledge of advancements within our specific major. Through the various conferences and research symposiums I have attended, OK-LSAMP students stood out with their exquisite and elaborate research. I love OK-LSAMP!

APRIL HENDLEY received a BS degree from East Central University—magna cum laude—in 2001 and a MS degree in Physics—summa cum laude in 2005. Her emphasis was astrophysics. She has taught at the Oklahoma School of Science and Math as well as AP Physics at Harding Fine Arts Academy.





MICHAEL HENRY graduated in December 2007 with a BS degree in Management Science and Information Systems. Michael conducted research on the use of neural networks, had several papers published on the research, and is currently working full-time in the computer industry in Texas.

GWENDOLEN HIGHTOWER

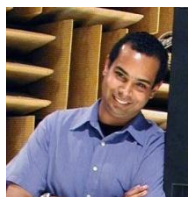
received her BS degree in 2003 from East Central University. She currently works as a Lab Technician at the Robert S. Kerr Environmental Laboratory in Ada, Oklahoma.



COURTNEY HILL received her BS degree in Chemistry from Cameron University in May 2006. She will complete requirements for the Doctor of Osteopathic degree in 2016 from the Oklahoma State University Center for Health Sciences, School of Osteopathic Medicine.

MIKE HOLLINGER

received his BS degree in Computer Engineering from the University of Oklahoma in 2004. Completing the five-year accelerated BS/MS program in 2005, he received his MS degree in Electrical & Computer Engineering. Following graduation, Mike joined IBM's Systems & Technology Group, working in IBM's Austin, Texas, design center. He currently specializes in embedded systems firmware for the IBM System I & P lines of servers. Since joining the company, Mike has several patents pending. In addition to his "day job," Mike is also an officer of IBM Austin's Emerging Technology and Business Innovation group leading periodic invention roundtables and brainstorming sessions. Mike currently serves as a member of the Dean's Advisory Board on Diversity (DABD) at OU and serves as alumni reviewer for the Student Organization Website Competition.



CHAD HUCKLEBERRY completed BS degree requirements in Biology and Chemistry from East Central University in 2002. He began teaching in 2005 at Konawa High School as a Biology and Chemistry teacher. In addition, he teaches science at the Konawa Middle School.

DEXTER HUNTER completed his BS degree from Oklahoma State University in Mechanical Engineering Technology in 1999. Currently, he is a Senior Installation Engineer with Lockheed Martin in San Diego, California.



It was an honor to be one of the first recipients of the OK-LSAMP scholarship. The program provided me with the essential resources, knowledge, and tools that allowed me to be a successful college student and now practicing engineer. I am truly grateful to have been part of such a valuable program and experience. I would not be as advanced in my career as I am if it had not been for the education I received from Oklahoma State University and the support the OK-LSAMP provided for me during my years in college.



VICTOR JACOME received an AS degree from Murray State College, BS degree from East Central University in Physics, a MS degree in Radiological Physics from the University of Oklahoma,

and has received certification in Medical Physics I and II. Currently, he is employed as a Staff Medical Physicist at the Hulston Cancer Center-Cox Health, Springfield, Missouri.

JOSEPH JONES received a BS degree in Engineering from Oklahoma State University. He completed the Professional Engineer certification and is currently



a Senior Field Engineer with the Indian Health Services Office of Environmental Health and Engineering for the Pawnee Nation.



DAWN KENNEDY received her BS degree in Biology from Northeastern State University. She was selected as an Outstanding Senior and is currently in the Graduate Program in Biomedical Sciences (GPiBs) Ph.D.

program at the University of Oklahoma Health Sciences Center.

DR. DONITA KI KENNEDY

received a BS degree in Physics from East Central University in 2000. She continued her graduate education and completed requirement for the Doctor of Osteopathy from Oklahoma State University Center for Health Sciences and is an anesthesiologist in Oklahoma City.



ExxonMobil in Baton Rouge, Louisiana, and presented her research in multiple arenas including the OSU Research Symposium and the Ronald McNair National Conference in Maryland. Her honors include the National Society of Black Engineers' Senior of the Year for 2007. Shamara is working in industry before beginning graduate school for an advanced degree in Health Care Administration/Immunology.



STEVEN KITCHENS completed requirements for a BS degree in Chemistry from East Central University in 2006 and an MS in chemistry from the University of Arkansas.

Currently, he is a science teacher in Rogers, Arkansas.



ALEX MACHERIA was a scholar at the University of Central Oklahoma with a major in Engineering. He completed BS degree requirements in Engineering and Physics and accepted employment as a Product

Development Engineer at Cummins, Inc., where he oversees the development of one of the engine platforms for a wide variety of commercial and industrial applications from conceptualization to production. His future plans include pursuing a dual MBS/MSE degree within the year.

The program challenged me to get involved in a great variety of activities that inevitably set me up for success. The participation in undergraduate research for one is the single most important decision I made in my collegiate career and has had a direct influence of what I am today.

DARRON "DJ" LAMKIN

completed BS degree requirements in Mechanical Engineering Technology from Oklahoma State University (OSU) in 2010. He is currently working toward his MS degree in Industrial Engineering at OSU while serving as Region V Chair of the National Society of Black Engineers. Additionally, he is CEO and founder of Class Matters, a non-profit organization for under-represented high school students.



MATTHEW MATLOCK graduated in August 2009 with a BS degree in Computer Science as well as a BS degree in Mathematics from the University of Tulsa. His research interests include artificial intelligence,



game theory, auction theory, and mechanism design. He presented at the National Conference for Undergraduate Research in 2008 and again in 2009. In May 2009, he traveled to Budapest, Hungary, to attend the International Joint Conference on Autonomous Agents and Multi-Agent Systems (AAMAS) where he presented and published a paper titled "Effective Tag Mechanisms for Evolving Cooperation." This paper is an extension of previous work presented and published at the 2007 AAMAS. He is currently enrolled as a PhD candidate at Duke University where he continues his research in Auction Theory and Mechanism Design.



CONTESSA MAJORS graduated with a BS degree in Physics from Langston University in May 2007. In the summer of 2006, she participated in an Oklahoma Institutional Development Award

(IDeA) Network of Biomedical Research Excellence (INBRE) internship at the University of Oklahoma Health Sciences Center's Lab for Genomics and Bioinformatics. Contessa is now an LSAMP Bridge to the Doctorate Fellow at Colorado State University where she is studying in the Department of Cell and Molecular Biology.

SHAMARA MANORA, a graduate of the University of Oklahoma in Engineering, has explored various areas of chemical engineering and participated in a variety of research opportunities. She interned with





AIMEE MCGRATH - O'HARA completed requirements for the BS degree in Biochemistry and Molecular Biology in 2009. Currently, she is in the medical industry.

LAUREN MILLER - SIMKINS completed BS degree requirements in Geology from Oklahoma State University in 2009. Currently, she is a Bridge to the Doctorate Fellow at the University of California-



Santa Barbara. Lauren is studying the behavior of deglaciation from about 30000 years ago to the present in order to help constrain models of future sea-level change.

DR. JENNIFER MCLOUD-MANN

received her BS in Mathematics from East Central University in 1997. She received her MS and PhD from the University of Arkansas. Since 2002, Jennifer has been at The University of Texas at Tyler and is currently an Associate Professor of Mathematics as well as the Associate Dean of the College of Arts & Sciences. Dr. McCloud has been recognized for work with students both inside and outside of the classroom. In 2005/06, she was awarded the White Fellowship for Teaching at UT Tyler and was the UT Tyler Minnie Stevens Piper nominee. In 2008, she was recognized by the Texas Section of the Mathematical Association of America (MAA) with the Faculty Award for Outstanding Contributions to Students largely due to her role as an advisor to a very active math club. In August 2009, Jennifer was one of three professors to receive a national teaching award through the MAA, the Henry L. Alder Award for Distinguished Teaching from a Beginning University or College Mathematics Faculty Member. Dr. McCloud has mentored many undergraduate research projects (much like the one that she did as an OKAMP student at East Central University) and currently is the PI for the Mathematics Research Experience for Undergraduates (REU) Site at UT.



TIMOTHY ANDREW MIXON completed degree requirements for BS degrees in Zoology and Psychology from Oklahoma State University. He has ten articles published in refereed journals and conducted research on the nature of honey bees in Slovenia and Turkey. Currently, he is conducting research in a private corporation.

ANDREW MOCK completed degree requirements for the BS degree in Architectural Engineering from Oklahoma State University in 2011. He participated in the National Conference on Undergraduate Research and an internship at Brookhaven Labs. He was selected to receive funding from the Graduate Research Fellowship Program to study at the University of Illinois.



In a nutshell, I would say that the OK-LSAMP program opened my eyes to the benefits and reasons to attend graduate school. The program provided the opportunities to not only prepare myself for graduate school but to set me apart from other applicants in both school and fellowship applications.



LYDIA MEADOR, a triple major (Botany, Biochemistry & Molecular Biology, and Microbiology & Molecular Genetics) from Oklahoma State University completed BS degree requirements in 2011—magna cum laude. She received the Goldwater Scholarship and was selected as an Outstanding Senior. She received Graduate Research Fellowship Program funding and will be attending the University of Arizona in the PhD program.



JAMES MOREL graduated from Southeastern Oklahoma State University in December 2006 with a BS degree in Fisheries and Wildlife Science. He completed a MS degree at New Mexico State University and is currently working as a Biologist for the Navajo Nation in Fruitland, New Mexico. He has plans to pursue a PhD.



WALTER MORRIS completed his BS in Biology at East Central University in December 2010. He made many presentations including Oklahoma Research Day. He is currently pursuing graduate school in New York.

ABIGAIL NTREH completed degree requirements from Southwestern Oklahoma State University in Biology. Currently, she is a graduate student at the University of Oklahoma in the Department of Chemistry/Biochemistry.



ANNETTE MOULDER received her BS degree in Multimedia Design with a focus on instructional design from Cameron University in 2008. She was listed in Who's Who Among Students in American Colleges and University. Currently, she is attending Brigham Young University and employed by Salt Lake Community College as an Instructional Design instructor.



RACHAEL PHILLIPS received a BS degree in Mechanical Engineering from Oklahoma State University and a MS degree in Industrial Operations Engineering from the University of Michigan-Ann Arbor. Currently, she works as a Business Product Specialist with the Cross-Organizational Process Improvement Group in Chicago, Illinois.



NATHAN MURRAY, PA received a BS degree in Physics from East Central University. He continued with graduate school completing requirements to become a Physician's Assistant at Mercy Health/Love County Hospital and Clinic in Marietta, Oklahoma.



JEANNA REDD, a graduate of the University of Central Oklahoma, received a BS degree in Forensics. In the summer 2009 she participated in a Research Experience for Undergraduates (REU) in Turkey. Jenna conducted research on a project examining how honey bees handled artificial flowers which were meant to represent composite flowers in the natural world.



AUDREY MYERS completed BS degree requirements in 2008 at East Central University. She is currently completing PhD requirements in Chemistry at the University of Oklahoma with an expected graduation date of May 2013.



LATICIA RIVERA - ABU SHARAR completed BS degree requirements in Biochemistry and Molecular Biology in May 2008. She completed requirements for the MS degree in Biochemistry and Biophysics in December 2010 from the University of Kansas where she is continuing as a Research Assistant in the PhD program.



TINA NEWMAN is a BS degree recipient in Biology-Zoology from Southeastern Oklahoma State University, 2009. She is completing requirements for a MS degree with an emphasis in wildlife conservation.



SUSANA RODRIGUEZ received her BS in Computer Science from the University of Oklahoma in May 2010. *Overall the program has been very beneficial to my academic and professional career. The undergraduate research experience helped me decide that graduate school was really what I wanted to do after I graduated. I plan to attend graduate school. OK-LSAMP has helped me prepared for this.*



OKAMP provided me with an opportunity that most undergraduates do not get - the chance to conduct my own research project. Though the results of my research were initially going to be presented at only the OKAMP symposium, I was able to present my findings for a number of professional societies including two American Fisheries Society annual meetings, an Oklahoma Academy of Science Symposium, and an annual meeting of the Southwestern Association of Naturalists.



DR. ELIZABETH SALADIN

After receiving her BS in Biological Sciences from Southwestern Oklahoma State University in 2006, Elizabeth continued her studies at Howard University College of Medicine completing degree requirements in May 2010. She is currently

completing her residency at AHEC Northwest Family Medical Center in Fayetteville, Arkansas. Elizabeth has received the Indian Health Service scholarship and will be proudly serving her Seminole Nation community following her residency. Elizabeth has had the opportunity to participate in research at the National Institute of Health in Bethesda, Maryland. The project is ongoing and publications will result from this research.

Her advice for current and future OK-LSAMP scholars is to, *“Keep up the hard work. The path to our success might not always seem as attainable as it is for others, but it is possible. When we work hard and don’t give up, we can reach our dreams and when we do, we can truly be proud of a job well done.”*

LAURA SCOTT - HUNT received her BS in Zoology from Oklahoma State University in May 2011. She presented at state and national conferences including receiving a travel award to present at the 2010 Society for the Advancement of Chicanos and Native Americans in Science (SACNAS) National Conference. She is currently working in industry while she pursues the ideal graduate program.



ALESIA SHARBER completed BS degree requirements in Botany and Zoology in 2011. She received the UDALL National Scholarship in 2010 as well as local research scholarships. She presented her research at the

National Conference for Undergraduate Research and participated in summer internships. Currently, she is working as a lab assistant at the University of Florida and pursuing a graduate degree.

STORMY SHOOPMAN attended Southeastern Oklahoma State University completing a BS and MS degree in Fisheries and Wildlife Conservation. She traveled to Mexico conducting research on Mexican Ecology and Culture. Stormy is currently a science teacher at Bennington Public Schools, Bennington, Oklahoma.



JAMI SHORT began as an OK-LSAMP scholar at East Central University then transferred to the University of Oklahoma where she completed requirements for the BS degree in Civil Engineering in 2002. She is currently working as a Traffic Engineer at the Oklahoma Department of Transportation and a Geotechnical Engineer at Standard Testing and Engineering.

ERICA SMITH, a May 2010 graduate from Langston University, received a BS in Biology. She is currently completing her second year of study at Fish University, Nashville, Tennessee. She will receive a MS degree in Natural Science Biology.



OK-LSAMP had a great impact on pursuing my education further in biology. Conferences gave me the opportunity to present my research from the previous summers and network with other students working on similar projects. I was glad to be a part of OK-LSAMP. My mentor, Dr. Sharon Lewis, never stopped supporting my decisions and pushed me to achieve my goals. OK-LSAMP provided an opportunity for me to be myself and set good examples for others to follow.



ALAN SNEDECKER completed BS degree requirements in Physics and Mathematics from East Central University in 1997. Currently, he is employed as a Senior Systems Analyst at McGuyer Homebuilders, Houston, Texas.

LEVI STANDEFORD completed degree requirements in 2005 for a BS in Physics from East Central University. Currently, he is employed by the Public Service Company of Oklahoma in Bartlesville.



Because of these great attributes, OK-LSAMP has positively influenced my life.

DONALD STUTSON completed both the BS and MS degree in Electrical Engineering (2008/2009) at Oklahoma State University. His current position as a Hardware Engineer with Frontier Electronic Systems in Stillwater, Oklahoma, allows him to work on projects related to the International Space Station. He serves as the product engineer for the Engine Fuel Display and the F/A=18 Super Hornet created by Boeing.



SHEILA STEVENSON received her BS degree in Biology from Langston University and has returned to industry. She attended the 2010 Women of Color Conference and presented her research at state conferences.

TAMBRA STEVENSON received her BS degree in Nutrition and Spanish from Oklahoma State University and a MS in Health Communication from Tufts School of Medicine/Emerson College Joint Program. She also completed coursework in Healthcare Marketing and Entrepreneurial Management at Boston University Graduate School of Management. She was selected for the Emerging Leader Program for the US Department of Health and Human Services in 2004. Tambra is Vice President of Metro Washington Public Health Association and serves as chair for the Committee on Food and Nutrition. She is founder and director of Creative Cause which uses creativity to bring awareness and action to social and health issues. She coordinated the first Washington Women & Girls Wellness Summit for the Office on Women's Policy and Initiatives and coordinated the first DC Victim Assistance Academy for the Mayor's office on Victim Services.



DAVID SUPECK received a BS in Chemistry from Southwestern Oklahoma State University and is currently completing degree requirements for the MS in Biomedical Sciences with an emphasis in Microbiology and Immunology at the OSU Center for Health Sciences, School of Osteopathic Medicine. Currently, he is exploring PhD options.



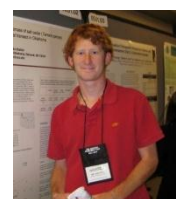
DOMINIQUE THOMAS received a BS degree from Cameron University with a major in Instructional Technology/Multimedia Design and a minor in English. She has been accepted as a MS candidate in the Instructional Psychology and Technology program at the University of Oklahoma. She has presented her research at state and national conferences.



JUSTIN THOMPSON completed requirements for a BS at East Central University and attended the University of Oklahoma Health Sciences program in Physical Therapy. Currently, he is practicing in Duncan, Oklahoma.



VALERIE TODDLE received a BS degree in Chemistry from Cameron University. She was a McNair Scholar and a member of the American Chemistry Association. Valerie estimates the completion of her PhD in Pathobiology from Johns Hopkins University in 2012.



SHAY STILL received a BS in Biology from the University of Central Oklahoma in May 2010.

Participating in the OK-LSAMP program has been extremely beneficial and enjoyable. This program has allowed me to get a feel for how research is done and then elaborate on it afterward. I have become a better scientist and presenter due to OK-LSAMP and the opportunities it brought about. The ability to get together and share research ideas, then carry out that research is an excellent attribute to my undergraduate career.



CAMMI VALDEZ received her BS degree in Chemistry and Biology from Southwestern Oklahoma State University. She continued on to graduate school at Harvard University where she estimates completing PhD requirements Spring

2013. Cammi was selected to attend the 60th Nobel Laureate Conference in Lindau, Germany. In addition, she was selected as one of seven student from the United States to attend the 2010 EuroScience Open Forum in Torino, Italy. When asked for advice for current and future scholars, Cammi said, *“Be proactive about your career, both professional and academic. Stay involved – having activities that tie you to people who share your similar interests can be such an asset and can create a wonderful community of support. Apply – apply to everything; there are so many opportunities out there, but the first step is to apply.”*

JADE VERDEMAN attended Northeastern State University receiving a BS degree in Cell Biology. He received his MS degree in Entomology from Kansas State University. Currently, he lives in North Carolina where he owns and operates his own business, Moses BioLogic, LLS - a company specializing in testing food packaging’s tolerance to insects.



LAMAR WILLIAMS received his BS in Engineering and Physics from the University of Central Oklahoma.

The impact that OK-LSAMP has had on me has impacted my life in a myriad of ways. For instance, the research itself taught me numerous new skills such as Solid Works, the machine shop, better math skills and writing reports. Another impact it had on me was when I went to OK-LSAMP symposium. It was incredible seeing all types of minorities doing research in science. It was very inspiring. In addition, I realized that maybe I can do work in the research field. OK-LSAMP has inspired me to keep fighting even when bad situations happen to you. Sometimes research is really difficult especially included with school and life. But as Ralph Waldo Emerson stated, “Our greatest glory is not in never failing, but in rising up every time we fail.”

DR. DANIEL H. WILSON

earned a BS degree in Computer Science from the University of Tulsa, and a MS and PhD in Robotics from Carnegie Mellon University. He has published over a dozen scientific papers and holds four patents. Daniel is contributing editor to Popular Mechanics magazine and the author of numerous science fiction books including several whose movie rights have been purchased. Additionally, he has had his own TV show, *The Works*, and is working on a project for Nickelodeon. Daniel was also spectacular as the keynote speaker for the OK-LSAMP 15th Annual Research Symposium.



CALEB WINGO received a BS degree in Physics from East Central University in 2009 and is currently pursuing a graduate degree at the University of Oklahoma Medical School.

STEVEN BRETT WALKER

completed his BS degree requirements at Oklahoma State University and is a current graduate student at the University of Illinois majoring in Mechanical Engineering.

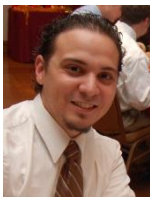


QUINN WOODARD completed degree requirements for the BS in Computer Science from the University of Tulsa. Currently he is employed full time in industry. Quinn presented his research as the National Conference on

Undergraduate Research and participated in several research symposiums.

BD FELLOWS

CHRIS AGUAYO is currently enrolled at the University of Oklahoma and a Cohort IV Fellow in the Bridge to the Doctorate program. Chris is majoring in Aerospace Engineering. He received his BS degree from the University of Oklahoma in 2009. His career goal is to become a test pilot and focus on optimization and efficiency of aircrafts.



OK-LSAMP and BD have provided me with resources and opportunities that would have otherwise not been available to me. Through these two programs, I've been given the time and tools allowing me to focus solely on school and research. The support system within the program also has given me the ability to open up to my peers and advisers concerning any bumps in the road. I can honestly say that without the OK-LSAMP and BD programs, I would not be here today.



BRITTANIE ATKINSON is currently enrolled at the University of Oklahoma Health Sciences Center and a Cohort IV Fellow in the Bridge to the Doctorate program. She completed her BS degree in Biology from Langston University in 2009 and is a Biology PhD candidate. She plans to perform research investigating mechanisms that are operative in the pathogenesis of "diabetes mellitus."

OK-LSAMP played a major role in me getting to be where I am. When I graduated from Langston University, I applied to attend the University of Oklahoma's Health Sciences Center (OUHSC). At that time, all of the campus's primary investigators and programs that could fund a student were no longer available. Because I was an OK-LSAMP scholar, I was afforded and accepted the opportunity to become a BD student and have my tuition and fees paid for so that I could attend OUHSC. Because the BD program also provides me with a generous stipend my first years in graduate studies, it has allowed me to focus on my education without fretting over paying for the necessities (rent, gas, food, etc.).

DOMINIC BARRETT was a Cohort I Bridge to the Doctorate Fellow at Oklahoma State University. He earned his BS degree in 2004 in Fisheries and Wildlife Conservation from Southeastern Oklahoma State University. He completed requirements for the Natural Resource Ecology and Management MS degree in 2008 and is currently working for the US Fish and Wildlife Service, Arizona Fish and Wildlife Conservation office. He has several articles published in the area of wildlife conservation.



MARCUS BENJAMIN is currently enrolled at Oklahoma State University and a Cohort III Fellow in the Bridge to the Doctorate Program. Marcus received his BS degree in Chemistry from Jackson State University in 2006 and will complete requirements for the MS degree in Chemistry in Fall 2011.

The Bridge to Doctorate program has given me the opportunity to be exposed to a higher degree of knowledge and to train to be a certified independent thinker under the witness of professionals in the field.

TOMICA BLOCKER is currently enrolled at Oklahoma State University and a Cohort III Fellow in the Bridge to the Doctorate program. She received her BS degree from Langston University in Biology. Currently, she is completing requirements for the MS degree in Zoology and will continue in the Zoology PhD program using funds from the Graduate Research Fellowship Program.



The Oklahoma Louis Stokes Alliance for Minority Participation program has been invaluable to me. As an undergraduate, the program provided funding while introducing me to the world of scientific research. It offered a network of support from students and faculty within my university and others and opened the gateway to my educational career. Now, as a Masters student, the program continues to supply similar support while granting me freedom from having a job that would distract from my research.



ZACHERY CARPENTER

is currently enrolled at Oklahoma State University and a Cohort III Fellow in the Bridge to the Doctorate program. He received his BS (2005) and MS (2008) degree in Electrical Engineering from the University of Tulsa. His career goal is to become a university professor.

I can't say enough good things about the BD program. As an NSF BD Fellow, I have been able to pursue my PhD full-time for the past 2 years. With a 3-year-old child, there's no way I would've been able to go to school full-time and have enough money to survive without the stipend provided by this program. The additional support and guidance of our BD program advisors from the beginning has also been a great help, and I believe their continued support and encouragement will further ensure the success of every BD student in our program.

OK-LSAMPs program, I would not be pursuing or finishing a PhD in Biosystems Engineering which will directly impact my Tribal community and my career.

FELIX DE LA CRUZ was a

Cohort II Bridge to the Doctorate Fellow at the University of Oklahoma majoring in Mechanical Engineering. He received a BS degree in Engineering from Oklahoma State University in 2007 and completed requirements for the MS degree in Mechanical Engineering in 2009. Currently he is employed in industry.



In my mind, I always knew I would go to college, but my aspirations did not amount to more than obtaining an undergraduate degree. To me this was an ambitious goal. Who knew I would be given the opportunity to pursue a graduate degree? Deciding to pursue an advanced engineering degree is the best decision I have ever made. Attaining a Masters, and eventually, a PhD in Mechanical Engineering will beckon opportunities to me which I would otherwise be unqualified to perform had I not chosen to continue my education.

DR. BRETT COWAN was a

Cohort I Bridge to the Doctorate Fellow. He completed requirements for a BS, MS, and PhD in Civil Engineering at Oklahoma State University. Currently, he is a Senior Professional Engineer for Kleinfelder in Tulsa, Oklahoma.



The OK-LSAMP program has provided me more than an education -- it has provided me an opportunity to lead as a Native American in the field of engineering.



ZACHERY DUNN completed the BS degree from the University of Oklahoma in May 2011. He is currently in the MS graduate program at the University of Oklahoma in Electrical and Computer Engineering.

OK LSAMP has played a significant role in helping me prepare and apply for graduate school. The funding I received also allowed me to work less hours during the semester and devote more time to my schoolwork and research project. The OK LSAMP will undoubtedly play a large role in helping achieve my educational goals throughout my time in graduate school.



CARA COWAN WATTS is completing requirements for the PhD in Biosystems Engineering as a Cohort I Bridge to the Doctorate Fellow at Oklahoma State University. She received her MS

degree from in 2002 and her BS degree in 1997 from Oklahoma State University. Currently, she serves as a tribal councilwoman for the Cherokee Nation and Deputy Speaker for the Cherokee Tribal Council.

OK-LSAMP made it possible for me to pursue my dreams of higher education and obtain a solid engineering education at Oklahoma State University. Without the financial support, peer network and professional mentoring provided by

SCOTT FINE is currently enrolled at Oklahoma State University and a Fellow in the Cohort III Bridge to the Doctorate program. He received his BS degree in Plant and Soil Science from Oklahoma State University in 2009 and completed requirements for the MS degree in 2010. Currently, he has completed all course work for the PhD and is conducting research.



The Bridge to Doctorate Program has been extremely valuable to me in my college career as it has been the foundation for continuance of my education past the undergraduate level. Without out this program, I would not have been able to continue on in what has been a very rewarding and fulfilling graduate career that has opened doors that I never thought possible. Through the exceptional funding and support of the Bridge to the Doctorate program, I was able to complete my degrees with no debt and the ability to step into situations that I would have normally avoided without the support of the Bridge to the Doctorate team at Oklahoma State University. With all that I have experienced with the Bridge to the Doctorate program, I am truly grateful that I had this opportunity and recommend it on a regular basis to fellow students.



MARIO FRANKLIN is currently enrolled at the University of Oklahoma and a Fellow in the Cohort IV Bridge to the Doctorate program. He received his BS degree from the University of

Oklahoma in Industrial Engineering and is currently completing requirements for the MS degree. His career goal is to complete the PhD with an emphasis in Engineering Education.

OK-LSAMP has provided a plethora of opportunity for me in regards to furthering my progress toward procuring a doctorate. I've had the opportunity, through LSAMP, to meet colleagues from similar circumstance that are also moving toward similar goals. Having that support system is invaluable on a psychological level. The BD program under OK-LSAMP has also given me the financial freedom to work under the professor(s) I prefer, without worry of whether funding is there or not, letting me pursue the path of study that I find most interesting and useful. Thirdly, there is also an exposure component with OK-LSAMP that has been a resource to seeing what others are pursuing and what opportunities are available for graduate students in the area of funding, presentations / conferences, and opportunities at other universities.

ERIK GONZALES is currently enrolled at Oklahoma State University and a Cohort III Fellow in the Bridge to the Doctorate program. Erik and his brother Jonathan each received a BS



degree in Physics from East Central University in 2007 and is currently completing requirements for the MS degree in Physics. His career goal is to become a physics professor and stay involved with research and become a mentor to future students.

The BD program has made graduate school possible for me. At the end of my undergraduate career, I had a family, so graduate school was no longer an option for financial reasons. My life completely changed after becoming a BD fellow. Not only am I able to attend graduate school, but I am also getting a unique grad student experience through the obligations of being a fellow. There is a bright future ahead of me; my family and I have this program to thank.



JONATHAN GONZALES is currently enrolled at Oklahoma State University and a Fellow in the Cohort III Bridge to the Doctorate program. Jonathan and his brother, Erik, each received a BS degree in

Physics from East Central University in 2007. He received his MS degree in Electrical and Computer Engineering in 2009. He is currently completing course work and research for the PhD in Electrical and Computer Engineering.

The LSAMP program has had a vital and periodically positive influence on my academic career. The undergraduate program helped me to get involved in some of my earliest research projects which helped confirm my ability and excitement in research. The BD program is on a different level than the undergraduate program, in that, it completely handles the high costs of graduate school. Although there are other perks such as mentoring, travel, and workshops, the financial support that the fellowship provides is nearly unmatched to other programs and has allowed me to focus on my graduate work without worrying about the burden of academic costs. In short, I would not be pursuing my doctorate at this time if it weren't for the LSAMP program. I believe that if this is how the program gauges its effectiveness, then all those who have worked to create and maintain this program should be very proud.

DR. STEVEN HARRIS

received his BS in Chemistry from Langston University. He has completed PhD requirements for a degree in Biochemistry as a Fellow in the Cohort II Bridge to the Doctorate program at the University of Oklahoma. He is currently in a post doc position in the Seeding Postdoctoral Innovators in Research and Education (SPIRE) program at the University of North Carolina, Chapel Hill.



OK-LSAMP supported me throughout my undergraduate and graduate experiences at Langston University and the University of Oklahoma. OK-LSAMP allowed me to conduct several summer internships, present my research at local and national research conferences, and receive the experience and training that led to my STEM degrees.



DESMOND HARVEY is a Cohort II Bridge to the Doctorate Fellow at the University of Oklahoma. He received his BS in Chemistry from Langston University. He has earned his MS degree in Industrial Engineering and

is continuing toward the PhD while being employed at Oklahoma State University as the Multicultural Engineering Program (MEP) Coordinator.

The Bridge to Doctorate program has given me the chance to pursue a PhD and learn more about conducting research and what to pursue as a career. I would tell all undergraduate students, especially those with STEM majors, to consider going to graduate school.

JACOB HENDERSON is currently enrolled at the University of Oklahoma and a Fellow in the Cohort II Bridge to the Doctorate program. He received his BS degree from the University of Oklahoma in Computer Engineering in 2007. His career goal is to continue research in the vibrant academic atmosphere. He has completed his MS degree and begun course work toward the PhD.



OK-LSAMP and BD have allowed me the opportunity to pursue my goal of attaining a doctoral degree in engineering. Without the support system provided by the OK-LSAMP and BD programs, it would have been much more difficult

to start graduate school and make it through the transition from undergraduate to graduate student. With the financial, planning, and educational support given by the BD program, it was easier to transition into graduate school since the program allowed me to focus on course work and research. I plan to continue with my education in hopes of obtaining a doctoral degree in engineering. After gaining my degree, I would like to continue working in the higher education system as a professor and researcher.



MARTY HEPPLER was a Cohort I Bridge to the Doctorate Fellow at Oklahoma State University. While conducting research on bacteria in squash bug hemolymph (blood), Marty

discovered a new species of organism. She completed her MS degree in Entomology and Plant Pathology and began employment with the USDA-ARS office in California. Currently Marty is employed at Monsanto in St. Louis, Missouri.

The BD program played an important role in my academic life. As the first person in my family to attend college and receive a degree, I had no one to turn to for advice or help. I had little financial support from my family and was only able to attend college because of the scholarships I had received and the support of the LS-OKAMP and BD programs. These programs were there to help and support me by giving me advice, being my advocate, or simply listening to my thoughts and concerns. They facilitated my personal and professional growth by providing me opportunities to present my work at professional meetings and through workshops aimed at teaching essential skills such as resume creation and job searching. It was because of the funding I received as a graduate student that I was able to join the research program of my choice. I was also free to focus solely on my studies and did not have to worry about finding funding for travel to professional meetings or additional income with which to support myself. I benefitted so much from the BD program, and I am happy to hear that many more students have the same opportunity I had as a student.

JUAN HERRERA is currently enrolled at the University of Oklahoma and a Fellow in the Cohort IV Bridge to the Doctorate program. He received his BS in Computer Engineering from the University of Oklahoma in 2008. He is currently completing requirements toward the PhD in Computer Engineering. His career goal is to develop novel computer architecture that uses less power while increasing reliability and performance. *Participation in the OK-LSAMP/BD program has been one of the most rewarding experiences in my educational career. Not only has it allowed me to concentrate on my studies without having to worry about financial distress, but it has also introduced me to other students, faculty, and administrators with whom I have developed close and rewarding friendships. During my time in the program, I have learned that there are other people out there willing to help complete strangers achieve their educational goals as well as personal fulfillment. This is, in my opinion, the most valuable lesson I have learned from the program. There are great people out there willing to help students who are willing to work hard for what they believe in; we are not alone.*

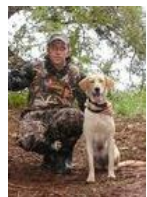


career goal is to engage and expose under-represented minority communities to engineering and the sciences.

The OK-LSAMP and Bridge to Doctorate programs helped make a way out of no way. Without those instrumental initiatives, I would never have had the inspiration or the access to pursue a PhD. It was through my OK-LSAMP undergraduate research experience that I was able to realize my passion for the minority engineering retention research. The Bridge to Doctorate program allowed me to further conduct research studying successful African American undergraduate students, and connected me to an exceptional peer network that will later help my future endeavors flourish.



KEVIN JAMES is a Cohort II Bridge to the Doctorate Fellow at the University of Oklahoma. He received his BS degree in 2005 from Southern University A & M College in Baton Rouge, Louisiana. Kevin completed the MS in 2009 and is pursuing a PhD in Electrical and Computer Engineering. His career goal is to become a professor at an institution where he can conduct research, establish programs for less privileged minorities, and be a mentor to students.



MATTHEW HOUGH was a Cohort III Bridge to the Doctorate Fellow at Oklahoma State University. He completed requirements for his MS degree in Plant and Soil Sciences (Wetland Ecology) and took employment as Assistant Manager, Silver Creek Preserve at the Nature Conservancy, Picabo, Idaho. *The Bridge to the Doctorate program has been invaluable in my professional development. It has given me a leg up in my career. Without the assistance of the program, I would not have reached this level in my education. Thank you Bridge to the Doctorate and all those involved.*

LORNE JORDAN is a Cohort IV Bridge to the Doctorate Fellow at the University of Oklahoma completing PhD requirements in Chemistry and Biochemistry. His career goals include becoming a leader in oncological research.



Without this program, it would have been much harder for me to get into the Department of Chemistry and Biochemistry. The financial support during my first two years has allowed me to focus on my research and coursework without the added pressure of teaching a class. This program has also given me great chances to network with professionals, as well as other pre-professionals within my field and related fields.

DR. QUINTIN HUGHES

completed his Industrial Engineering PhD as a Cohort II Bridge to the Doctorate Fellow at the University of Oklahoma in 2011. He earned his BS degree from Langston University in 2004 and his MS in 2009 from the University of Oklahoma. His



RYAN JORDAN is a Cohort IV Bridge to the Doctorate Fellow at the University of Oklahoma in the Geology program. He received his BS degree from Oklahoma State University in 2010. His career goal is to continue work in Africa and develop programs that expose students to

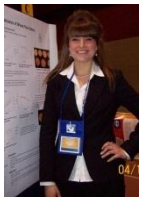
international research in new and interesting locations.

LSAMP has been the main catalyst to my academic success. The program was responsible for enabling me to travel on my first international research experience to Zambia as an undergraduate. After this research, I was able to build my confidence and knowledge. The guidance given as an undergraduate was essential to continuing my education in the MS program. The BD program has enabled me to focus on my education and excel in both class work and research. LSAMP has provided me the opportunity to continue my education and conduct international research in areas that would be unattainable without the program's generous support.

JASON KIMMELL is a Cohort IV Bridge to the Doctorate Fellow at the University of Oklahoma majoring in Electrical Engineering. His career goals include becoming a professor and teaching electromechanical systems.



I think BD and OK-LSAMP have helped me by creating good connections for me. I was able to do research while I was an undergrad and get graduate level credit for it. I was also doing research in a field that interested me. The program is great.



LAUREN MEGAN LILES is a Cohort IV Bridge to the Doctorate Fellow at the University of Oklahoma Health Sciences Center. Megan received her BS degree from Oklahoma State University in Biochemistry in

2010. Currently, she is a Biochemistry major with a career goal of performing research investigating mechanisms that are operative in the pathogenesis of autoimmune diseases.

The OK-LSAMP program has helped me on the way to achieving my goals and aspirations. Being in OK-LSAMP during my undergraduate studies at OSU afforded me so many opportunities that I would not have otherwise had and would have changed the course of my future had I not been chosen to be a part of the program. OK-LSAMP helped me find a mentor on campus and perform research. I gained much experience through my mentor and she prepared me for what lay ahead for graduate school.

CHRISTOPHER MACE, a Cohort IV Bridge to the Doctorate Fellow at the University of Oklahoma, completed his MS degree in Geology in May 2011 and has accepted employment with Devon Petroleum. Chris received his BS degree from Oklahoma State University in 2009 in Geology.



Without the BD program, I'm not sure if I would have been able to complete my graduate degree. The monthly stipend has helped me get through these past two years with little financial burden, and the ability to focus solely on my research and still get this stipend has helped me finish my degree on time. Dr. Pulat also provided the essential moral support and guidance that I needed whenever I was having problems. That was probably the most important contribution this fellowship had in assisting me complete my degree.



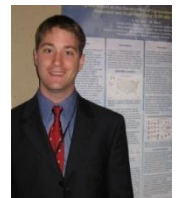
JACOB MANJAREZ is a Cohort I Bridge to the Doctorate Fellow at Oklahoma State University completing the PhD in Microbiology and Molecular Genetics, Teaching and Research. He anticipates completion

of his research in 2011. Jacob received his BS in Cell and Molecular Biology from Oklahoma State University in 2003.

OK-LSAMP Bridge to the Doctorate gave all the supports necessary to help me stride for my goal, the first in my family to attain a graduate degree. Without the support of OK-LSAMP BD, my dream may have never been more than that, but the BD program gave me the tools and support to help make my dream a reality.

SHAWN MCCARROLL

completed his MS degree in Computer Science as a Cohort II Bridge to the Doctorate Fellow at the University of Oklahoma. He currently resides in Washington, D.C., and is a computer programmer for the National Oceanic and Atmospheric Administration.



CHRYSTAL MOORE MCANDREWS is a Cohort IV Bridge to the Doctorate Fellow at the University of Oklahoma completing requirements for a MS degree in Microbiology. Her career goals include

operating a research lab examining antibiotic resistance in bacteria.

The BD program has given me the freedom to work diligently on my project without the financial burden that most students face when pursuing a graduate degree. The financial support that I have received throughout the fellowship has been very generous and has allowed me to put my time and effort into my schoolwork. Since I have not had to teach or have an outside job, I am able to spend the majority of my time focusing on classes and research. Without the fellowship, I would not have been able to afford to obtain my degree and therefore would be stuck finding a job instead of being able to start a career. I am very grateful that the fellowship has given me this opportunity.

MINH NGO completed her MS degree as a Cohort III Bridge to the Doctorate Fellow at Oklahoma State University in the area of Forensics Toxicology. She is currently employed as a Mass Spectrometer Technician, Aegis Sciences Corporation, Nashville, Tennessee. Minh completed her BS degree in Biochemistry and Molecular Biology from Oklahoma State University in 2008.



To get to where I am today, I must say the BD program played a major part. If it wasn't for the BD program, I could not have continued my education. The program really helped me believe in myself and that I can get through anything if I just try my hardest. I know I would not be where I am today if not for this program.



SHAWNA ONG is a Cohort IV Bridge to the Doctorate Fellow at the University of Oklahoma completing degree requirements in Electrical Engineering. She completed requirements for the BS degree from the University of Oklahoma and has a career goal of furthering research experiences and impact in the defense industry.

The program has aided me in pursuing a higher education. It has opened many opportunities for me and given me a financial stability so I can focus more on school. Throughout my time in the program, I have met numerous people who have been beneficial and inspirational. LSAMP and BD have put me in contact with important people in my career field. It has also sparked my interest for

certain projects. I have been blessed to get to continue my education in things that inspire me that I think will make a difference.

RICHARD OSEI is a Cohort III Bridge to the Doctorate Fellow at Oklahoma State University majoring in Computer Science. He received his BS degree in Computer Science from Langston University in 2008 and anticipates completing the MS degree in 2011.



During my years as an undergrad, I enjoyed the trips to OK-LSAMP conferences/research days and hearing interesting ideas for my mates. In graduate school, it has made me stress free. I enjoyed those years, I will say those were the best years of my life as far as going to school. Thanks OK-LSAMP.



ISRAEL OSISANYA was a Cohort II Bridge to the Doctorate Fellow at the University of Oklahoma. He received his Petroleum Engineering BS degree in 2003 and completed his MS degree in 2008. Currently, he is working in industry.

MOLLY PARKHURST is a Cohort III Bridge to the Doctorate Fellow at Oklahoma State University completing requirements for the MS/PhD degree in Botany. Her career goal is to work with genetically modified organisms.



OK-LSAMP is a wonderful program! In addition to providing speakers and seminars that are truly valuable to college students who are serious about overcoming all odds to achieve success, they have provided me with much-needed financial support. I have been able to participate and present at conferences that I could not have otherwise afforded, allowing me to gain invaluable experience in sharing the results of my research with others. Additionally, my transition from undergraduate to graduate student was less stressful. As a graduate student, the additional funding has enabled me to take more credit hours than I would have been able to on my own, which means I will graduate sooner. I am excited and grateful to be a participant in this program!



THOMAS PATTEN was a Cohort I Bridge to the Doctorate Fellow at Oklahoma State University. He received his BS in Mechanical Engineering in 2002, a MS in Mechanical Engineering in 2004, and a MS in Electrical Engineering in 2009 before returning to industry.

Both the OK-LSAMP and BD programs have been a tremendous help to achieving my educational goals. I can still remember my first summer in college and the benefit of beginning with a group of peers with whom I had so much in common. In the beginning, we took many of the same classes which allowed the opportunity to study together and learn the best ways to manage the stresses of college life. We were encouraged to begin working with professors from an early age to prepare us for higher levels of education to come later. We also had several opportunities to present our research and to gain the confidence from speaking in front of others. I know that I would not have done so much post graduate work if it were not for the help provided by the BD program.

DR. LILA PEAL completed her PhD in Biochemistry and Molecular Biology as a Cohort I Bridge to the Doctorate Fellow at Oklahoma State University in 2011. She received a BS degree in Biology from Langston University in 2004. Lila is currently an Instructor of Biological Sciences at Cameron University.



The BD/LSAMP program has helped me achieve my goals in many ways. The major way was financial security. While on the BD program, I was able to study and focus without having to worry about finances. Also, it showed me that there are other minorities getting higher education degrees. This was very motivating considering my field has very few minorities. The OKAMP programs from undergraduate years and the BD Fellowship provided funding, support, and opened opportunities that I might not have had otherwise. Always strive for excellence.



CODY PINKERMAN is a Cohort III Bridge to the Doctorate Fellow at Oklahoma State University. He received his BS and MS degrees in Mechanical and Aerospace Engineering. Cody is now pursuing a

PhD in the new Unmanned Aerial Spacecraft program. Cody's career goal is to design the next generation of spacecraft.

The BD program has been an amazing opportunity for me. I would not have been able to pursue a PhD without the help of the BD program. In fact, I had never considered performing further research past a master's degree in Aerospace Engineering until I heard about the program. Because of the BD program, I now have the assurance of being financially secure while pursuing my degree and gaining the knowledge and confidence for my future career in the aerospace industry.

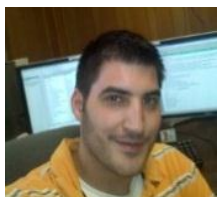
LORETTA RUSH was a Cohort I Bridge to the Doctorate Fellow at Oklahoma State University majoring in Plant Pathology. She received her MS degree in 2004 and returned to teaching. She is currently an Instructor at Seminole Community College.



ADRIAN SHERMAN completed his BS from Langston University in Natural Resource Management in 2005 and his MS degree in Environmental Sciences as a Cohort I Bridge to the Doctorate Fellow at Oklahoma State University in 2009. He is currently working for the State of Oklahoma in the Department of Environmental Quality.

NICOLE SINGLETON completed BS degree requirements from Langston University in 2004 in Animal Science. She received her MS degree in Toxicology as a Cohort I Bridge to the Doctorate Fellow at Oklahoma State University in 2008. Currently, she is working in industry.





JOSEPH W. VAZQUEZ

completed the MS degree in Mathematics as a Cohort II Bridge to the Doctorate Fellow at the University of Oklahoma in 2008. He received a BS from

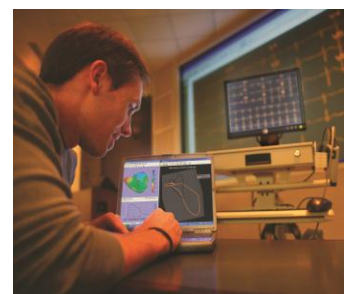
Cameron University in Mathematics. Currently, he is working in industry as a computer programmer.

The OK-LSAMP scholarship was one of my primary sources of income as an undergraduate student. Without It, I might not have had enough money to finish my degree. OK-LSAMP also introduced me to academic research by taking me to research symposia. OK-LSAMP was my motivation for attending graduate school, and I would not have been able to finish without their assistance.

RYAN WATLEY is a Cohort IV Bridge to the Doctorate Fellow at the University of Oklahoma in the Department of Chemistry and Biochemistry Organic Division. He received his Chemistry BS degree from the University of Arkansas-Pine Bluff.



The OK-LSAMP and Bridge to Doctorate Fellowship has been very influential in my success thus far in graduate school. The fellowship has afforded countless hours to concentrate on my class work and offered all the resources in order to obtain the degree of success I have thus far. I will not say I wouldn't have made it without the fellowship, but the mentorship and financial assistance has been a major factor in me wanting to do my absolute best because to whom much is given, much is expected. I am truly thankful for the opportunity and I am striving to take full advantage by obtaining my degree and through service to the community. The OK-LSAMP and Bridge to Doctorate Fellowship has been very influential in my success thus far.



DR. BREK WILKINS

completed requirements for the PhD as a Cohort I Bridge to the Doctorate Fellow at Oklahoma State University in May 2011. He received his

BS degree in Microbiology from Oklahoma State University in 2004. Currently, he is continuing with his research as a post-doc fellow at the OSU Center

for Health Sciences in Tulsa, completing a patent, as well as investigating the possibility of starting a spin-off company that is a direct result of his dissertation.

It's nearly impossible to dictate in a short paragraph just how much the Ok-LSAMP Bridge to the Doctorate program has impacted my academic education. From day one, I was accepted into what was a family of students and advisors who were familiar with my racial minority challenges. Although sometimes admittedly held against my will during seminars, conferences, or various meetings, I now look back on my academic career and am truly thankful for the effort of the BD administrators and staff who provided me with those opportunities that molded and shaped who I've become as an academic researcher. There is no doubt in my mind that I am a better person, minority representative, and academic as a result of my OK-LSAMP BD program experiences.

CRISTEE WRIGHT completed her MS degree in Microbiology as a Cohort I Bridge to the Doctorate Fellow at Oklahoma State University in 2007. She received a BS degree in Biology from Southern University in 1999. Currently, she is attending the University of Oklahoma School of Pharmacy program and will graduate in 2013.



CLARENCE DOUG YARHOLAR

completed his MS degree in Civil Engineering as a Cohort III Bridge to the Doctorate Fellow at Oklahoma State University. He received a BS degree from Oklahoma State

University in 2008 and is currently employed as a Civil Engineer with the Oklahoma Department of Transportation.

SCHOLARS

TRISTAN ALLEN is a senior majoring in Biology at Langston University. She has participated in research on her campus as well as an Habena Bioinformatics Research Experience for Undergraduates. In addition, she has presented her research at state conferences.



LSAMP has done many things for me. It has given me the opportunity to get a number of different internships, meet other students around the state, and compete against my peers with the research that we performed through the summer.



KERSTIN ALLISON is a senior majoring in Biology at the University of Central Oklahoma. She has presented her research at state conferences.

I did not know what to expect when I applied for the OK-LSAMP Scholarship. I never would have thought I would have the opportunities I have had being an OK-LSAMP Scholar. It has been one of the best accomplishments during my academic career. I have learned and grown a lot and appreciate science much more than I did before. In addition, I have established a good friendship with my faculty mentor and lab partner and I have met so many people. I am a commuter student with a family and I am limited with being involved on campus, but research has given me an opportunity to feel a part of the UCO community.

BRANDI ANDREWS is a senior majoring in Engineering at Oklahoma State University. Not only is she a top scholar with research including an ExxonMobil internship, she is also an OSU track athlete. Brandi is a member of the OSU Cross Country team. She received the Arthur Ashe Award in 2010 and has received the First-Team Academic All-Big 12 Award for four consecutive years.



LSAMP has allowed me to explore researching options, meet new people, and prepare myself for graduate work. Also, through this program I have been made aware of various different opportunities that have and will benefit my career.



ANWULI ANYAH is a senior majoring in Biology at the University of Central Oklahoma. She has presented research at state conferences and attended the 2010 Women of Color STEM conference in Dallas, Texas.

I gained a lot of insight by presenting my research at the OK-LSAMP Research symposium. I also got to improve my presentation skills. I got a lot of research ideas by talking to people. I am very glad I attended the Women of color conference. I met important people, got a chance to network and I acquired skills on presenting myself professionally. I am inspired by all the successful women I met at the conference.

SHAQUITA BANKS is a senior majoring in Biology at the University of Central Oklahoma. She has conducted research on her campus. In addition to being an OK-LSAMP Scholar, Shaquita is also a McNair Scholar. She has presented at Oklahoma Research Day for three years.



This program has helped me improve in many ways. It has allowed me to gain research experience, which has provided insight than just reading about the field. With the aid of this program, I am now certain that research is the field that I want to pursue after undergraduate. Another way this experience has aided my advancements is in the way of leadership skills. Being able to present my work in front of faculty has definitely increased my confidence in myself and has also offered the opportunity to network with professionals in the area I want to be in.



SHEILA BARADARAN is a senior majoring in Chemical Engineering at the University of Oklahoma. She spent the 2011 summer interning with Holly Frontier Refinery in Tulsa, Oklahoma.

OK-LSAMP has helped me financially with the cost of attending college and helped me focus more on research and less on part-time jobs to pay for school. It has helped me by notifying me of when all the research presentation opportunities are since my research advisor does not always tell me about the upcoming opportunities. It has also helped answer my questions about graduate school and how life as a graduate student would be like. I

plan to get my Master's degree in chemical engineering with the accelerated program at OU. I plan to finish my graduate and undergraduate degree requirements in 4.5 years since I am ahead in my undergraduate studies. After graduation I plan to either work as a process engineer or work at the research and development department of an engineering company. I will have a better idea of which I would prefer after my summer internship at the refinery.

STEPHANIE BARNETT is a senior majoring in Medical Physics at East Central University. In addition to being an OK-LSAMP Scholar, Stephanie is also a Gates Millennium Scholar. She is a member of the Creek Tribe with plans to go to graduate school at the University of Oklahoma Health Sciences Center where she will get a master's degree in Medical Physics.

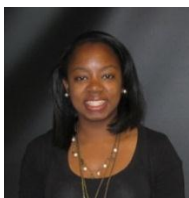


JUSTINA BRADLEY is a senior Biology major at Langston University. She was selected to present at Oklahoma Research Day at the Capitol (sponsored by EPSCoR) on March 31, 2011. Justina won first prize in her division for her poster on the research she conducted at Brookhaven National Laboratory as part of a Summer 2010 Faculty and Student Team (FaST).



OK-LSAMP is beneficial to me because it introduced me to new ideas and people. It gave me the opportunity to not only conduct research, but present to my findings to others. I really enjoyed attending conferences hosted by OK-LSAMP because I gained knowledge about grad school, and what to expect as a future scientist!

GABRIELLE BROWN is a senior majoring in Industrial Engineering at Oklahoma State University. She has spent three summers in internships with Lockheed Martin. She has also presented her research at state conferences.



RASHAWNDA BROWN is a Biology senior at Langston University. She participated in a research experience in the department of virology / biochemistry in Tuskegee, Alabama. She has presented her research at state conferences.

WILMON BROWN, III is a senior majoring in Biochemistry and Molecular Biology at Oklahoma State University. He has participated in research over the summer as well as during the academic year. Wilmon has presented his research at state and national conferences including the 2011 National Conference for Undergraduate Research (NCUR). He will also be among the first students to present at the Women of Color STEM conference in Dallas, Texas, November 2011.



OK-LSAMP has always pushed me to do better. The coordinators have encouraged me to conduct research and in that I have found something I am truly passionate about. The moral support given to me every time I go by the office is what helps me to continue pursuing my degree.



ERIC BUTSON is a Chemistry junior at Northeastern State University. He participated in a Faculty and Student Team (FaST) program at Brookhaven National Labs (BNL), Summer 2010. While there, Eric was selected to give an oral presentation of the summer research project. The selection was based on his excellent abstract and the confidence BNL had in his knowledge of the material. Eric also made an international presentation at the Electrochemical Society Meeting in Montreal, Canada.

It's a great feeling when people you strive to be like take a look at your work and are impressed. It is reassurance that I will succeed because I work hard for this and my work shows.

CASSANDRA CAMP is a senior Biology major from Oklahoma State University. She has participated in three excellent summer internship programs. In 2009, Cassandra spent her summer



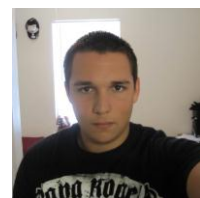
in Bethesda, Maryland, at the National Institute of Health in the NIDDK-SIP Research Experience for Undergraduates (REU). In 2010, she participated in the Organization for Tropical Studies (OTS) Native American and Pacific Islander Research Experience (NAPRIRE) in Costa Rica. This past summer, she participated in a Science Undergraduate Laboratory Internship (SULI) at Brookhaven National Laboratory (BNL) on Long Island, New York. In addition to her research, Cassandra has been highly active in campus and Native community programs. She served as Miss OSU Native American and participated in conference presentations.



MARIA DANG is a Chemical Engineering senior at Oklahoma State University.

OK-LSAMP has helped me stay focused on my academics to make the grades I want to make. It has also helped me talk to professors when I normally wouldn't.

ZACHARY DANIEL is completing degree requirements for the BS degree in Chemistry from Southwestern Oklahoma State University. He has participated in two summer research internships and is looking forward to graduate school.



My career goals are taking my studies to the next level by attending graduate school. From experiences gained by receiving a scholarship through the OK-LSAMP program and research, I have decided I would ultimately like to work in the petroleum industry or other related areas and work on what is today the most important key to our nation's future - energy production.



KENNA CHAFFIN is a Life Sciences junior at East Central University. She has participated in a Native American Research Center for Health (NARCH) Program and a Summer Medical and Dental

Education Program (SMDEP).

Being a part of OK-LSAMP has helped me to be aware of opportunities of summer programs like NARCH and SMDEP, which I know have helped me with gaining experience and knowledge in heading toward my desired career path in medicine.

GREGORY COOK is a Biology senior at Cameron University. He spent summer 2011 in the Oklahoma IDEa Network for Biomedical Research Excellence Program.



Because of OK-LSAMP, I've been given additional opportunities to attend professional development and leadership conferences that were related to my field of study. An additional benefit of those opportunities was the ability to network and form relationships with people who can help guide me toward success once school is complete. I also like the Bridge to Doctorate Program, which gives LSAMP scholars the little "extra edge" that is sometimes needed in the competitive arena of graduate school application. Overall, I think the OK-LSAMP program is a valuable asset to my future success, and I'm glad to be a part of it.



KAYLA DAVIS is a sophomore majoring in Biochemistry and Molecular Biology at Oklahoma State University. Kayla began working with her campus mentor while she was still in high school.

She continues to work with Dr. Miller during the academic year while seeking full-summer experiences. Summer 2011 found Kayla participating in a BioREU at Johns Hopkins University. Kayla is looking forward to the next step – presenting her research at local, state, and national conferences.

TIFFANY EVANS is a junior majoring in Computer Science and Applied Mathematics at the University of Tulsa. Tiffany has participated in two summer internships including ConocoPhillips in 2011. She has also been involved in academic year research and has presented at state and national conferences including the 2011 National Conference for Undergraduate Research (NCUR).





COURTNEY GARCIA is a Chemistry senior at Southwestern Oklahoma State University (SWOSU). She participated in a 2010 Harvard summer research project and was selected to represent SWOSU at the 2011 Oklahoma Research Day at the Capitol. Her poster was awarded the grand prize for best presentation. In addition, she was chosen as one of 74 out of 700 national nominees to attend the Council on Undergraduate Research (CUR) Posters on the Hill in Washington, D. C. April 13, 2011. Courtney spent the summer 2011 in Cadiz, Spain with an iREU through Bucknell University.

As a chosen OK-LSAMP Scholar since the Spring of 2009, I have had the support and honor of representing my University and the research I have and am involved in not only at a local, state, and national level spanning over a total of nine presentations. Each of these presentations has given me the experience and confidence to interact with as well as reach out to others with the purpose and impact of the research I have had a chance of taking part in. This program has also shown me how important mentors are to aiding personal, professional, and academic success.

SAAD GONDAL is a Mechanical Engineering Technology senior at Oklahoma State University. Saad has participated in several research projects and received a NASA Fellowship.



OK-LSAMP has provided me with a great foundation on which to do research with some of the best professors Oklahoma State has to offer. Being a first generation college student is not always easy but thanks to the encouragement I have received, I have become more confident. The resources made available to us are also very valuable in preparing us for our careers.



ALEXANDER HARDISON is a sophomore majoring in Botany at Oklahoma State University. He has conducted research during the academic year as well as during the summer.

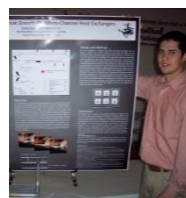
OK-LSAMP has made me more aware of the opportunities that lay before me as an undergraduate. It has encouraged me to try those

opportunities, so that I may learn from different people in all locations and cultures of the world.

JOSHUA HARDISTY is an Engineering Physics senior at the University of Oklahoma. He spent summer 2011 at Alabama A & M participating in an Optics Research Experience for Undergraduates (REU) program.



The OK-LSAMP has been a very beneficial program which I owe a lot to. I have always been a decent student, and in high school, being a decent student meant that many things were given to me. Once I started college, I realized things were not handed out. It takes a great amount of initiative and time to find professors who will allow an undergraduate to research with them. I had been wanting to do independent research for a while, and OK-LSAMP pushed me to do it. The program also offers a sea of information on different research opportunities that I would have not gotten anywhere else. Also, the program strongly encourages students to give presentations- which has helped me become a better speaker. Overall, OK-LSAMP has opened many doors for me and I really appreciate the time people have put into developing it.



KODY JONES completed two years of study at Northwestern Oklahoma State University as a scholar and transferred to Oklahoma State University to complete BS degree requirements

in Mechanical Engineering. He participated in a summer 2011 internship with Science Applications International Corporation (SAIC) Benham Engineering, Oklahoma City, designing HVAC systems for the company. Kody presented his research at numerous conferences and received first place at Ranger Research Day.

DALTON KELLEY is a Mechanical Engineering Technology senior at Oklahoma State University as well as a Gates Millennium Scholar. He conducted research at General Motors in



Detroit, Michigan, and Brookhaven National Labs. In addition to state presentations, Dalton has presented at the National Conference on

Undergraduate Research twice. He has represented the OSU Native American Student Association as President and is looking forward to attending graduate school.



VICKY KELLY is an Entomology and Plant Pathology senior at Oklahoma State University. She plans to graduate in May 2012 and attend graduate school at Louisiana State University. She was selected twice to

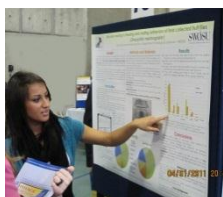
attend a Howard Hughes Medical Institute summer internship at Louisiana State University. Vicky has presented her research at the National Conference on Undergraduate Research and at local and state research conferences. She will also be one of the first to present her research at the Women of Color STEM Conference in Dallas, Texas.

OKLSAMP has allowed me to travel and make connections in several different states, increasing my academic network. Through the programs that OKLSAMP has taken me to or put on, I feel more prepared for the graduate school application process, the GRE, and basically life after my undergraduate degree. I have also had the opportunity to be mentored by several faculty members at OSU thanks to OKLSAMP.

JORDAN KNIGHT is an Electrical Engineering senior at Oklahoma State University (OSU). He has participated in an internship with Chesapeake Energy and served as a counselor for the OSU ConocoPhillips Summer Bridge Program.



OKLSAMP has impacted me in numerous ways. They help me find research during the school year and offer to pay me for the research I conduct. I'm also looking forward to go to grad school and OKLSAMP will help me find good schools and help me pay for the GRE test. I currently intern with Chesapeake Energy and OKLSAMP is going to give me the opportunity to present what I have done at the Symposium that they have each year. OKLSAMP is a great program for all students!



IRENE LOPEZ is a senior majoring in Biology at Southwestern Oklahoma State University. She has conducted research and presented at state and national conferences

including the National Conference for Undergraduate Research (NCUR).

The OK-LSAMP program has benefited me in several ways. The major benefit I have received from the program is being able to participate in undergraduate research at my university. It introduced me to undergraduate research and I have benefited very much from participating in research. OK-LSAMP has also helped me by being able to present my research at several meetings including the Oklahoma Research Fair. OK-LSAMP also made it possible for me to travel to Ithaca, New York, this spring and present my research at the National Conference of Undergraduate Research. Being a part of OK-LSAMP has opened a lot of opportunities for me.

MICHELLE LOPEZ is a sharp and enthusiastic Chemical Engineering freshman at Oklahoma State University. She began her college over the summer as a ConocoPhillips Summer Bridge participant. Even though this is her first full semester of college, Michelle has already approached a mentor and discussed a research project on which she would like to work.



DIANA LUCERO is a senior majoring in Architectural Engineering at the University of Oklahoma. Diana spent the summer 2011 at the University of Connecticut and at the Korea Advanced Institute of Science and Technology through the Smart Structures REU program.

Being part of the OKLSAMP program has increased my interest in research. It has helped me get more motivation to attend graduate school and get a Master's Degree. By being able to attend conferences and symposia, it has helped me prepare and become familiar with presentations and improve my own. OK-LSAMP has also played a role in motivating me to pursue a Ph.D. in the future. It has helped me become a better writer and presenter and helped me to gain confidence.

BRENTON MCCOLLOUGH is a Gates Millennium Scholar and Geology senior at Oklahoma State University. Summer 2011, he participated in the Native Explorers



program funded by the Whitten-Newman Foundation at Oklahoma State University Center for Health Sciences (OSU-CHS). He spent time studying anatomy and paleontology in the lab at OSU-CHS and on dig sites in Oklahoma and Utah. In addition, he was enlisted to begin a Native Explorers Club at OSU.

This program has given me the opportunity to perform real field lab work in order to gain a better understanding of the nature of my field in the sciences.



DEVON MCLOUD is an Animal Science sophomore at Oklahoma State University. She serves as an Ag Ambassador and mentor to incoming freshman students. Devon attended the 2010 Women of Color STEM conference and spent the Summer of 2011 interning with a dog kennel/animal care facility.

ISAAC ABRREY MONREAL is a senior majoring in Biochemistry and Molecular Biology at Oklahoma State University. He has conducted research since 2009 and has several publications for that research. Abrey spent summer 2011 participating in a Research Experience for Undergraduates (REU) Program at Washington State University.



RICARDO MONTOYA is an Architectural Engineering senior at Oklahoma State University. He serves as president of the OSU Student Chapter of Architectural Engineering Institute, presented at the National Conference on Undergraduate Research (NCUR), and passed the FE exam. Summer 2011, Ricardo participated in a REU at Drexel University with the Civil and Environmental Engineering program.

OK-LSAMP has been very supportive of many of my scholastic endeavors. The program has also provided me with countless opportunities to enhance my academic experience.

GUILLERMO MORALES is an Aerospace Engineering senior at the University of Oklahoma and a member of the Society of Professional Engineers. Summer



2011, he interned at NASA's Langley Aerospace Research Center in Hampton, Virginia, conducting research on materials for aerospace applications.

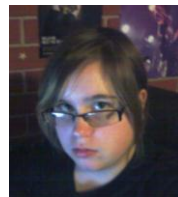


BRENNAN OCHOA is a senior majoring in Biology at the University of Central Oklahoma. He has presented his research at several state conferences including Oklahoma Research Day.

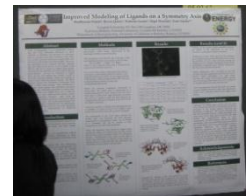
EILEEN PARKS is noted for her enthusiasm and for stating *"Research is not like a class, it is work that matters to you and makes you feel a part of something."* She is a senior at the University of Central Oklahoma majoring in Biology.



MARY PHILLIPS is a Computer Science freshman at Southwestern Oklahoma State University. She is just beginning her research but has plans to attend graduate school and eventually work for the FBI.



SHARHONDA PICKET is a Biology senior at Langston University. Summer 2010, she participated in a summer internship at Lawrence Berkeley National Lab. In summer 2011, ShaRhonda participated in research at the University of Oklahoma. She has presented her research at several state conferences.



ALLISON QUIROGA is a University of Oklahoma senior majoring in Architectural Engineering. She spent the summer of 2011 conducting research at the OU Soil Mechanics Lab and also traveled to the University of California-Davis to work on a model for centrifuge testing.

OK-LSAMP has given me the chance to make an informed decision about my future. Before I joined the program, I was not sure if graduate school was for me. Through participating in undergraduate research with OK-LSAMP, I have decided that I will greatly enjoy graduate school. Participating in



the OK-LSAMP program has enriched my undergraduate education by allowing me to see that my undergraduate curriculum is a building block for higher education and knowledge.

KELSEY RAUS is a Chemical Engineering junior at the University of Oklahoma. Summer 2011, she participated in Sooners Without Borders in Potosi, Bolivia, and served as a camp counselor for BP DEVAS (Discovering Engineering via Adventures in Science) in Atezzo, Italy.



ETHAN ROWELL is a Mathematics senior at the University of Central Oklahoma. He plans to pursue a MS degree at UCO and ultimately obtain a teaching position at a university.



The program has allowed me a great deal of opportunities. To begin with, the program helped introduce me into the field of research. As I went further into the field, I realized how much I enjoyed it, and it has helped me realize my career goals. The OK-LSAMP program has also allowed me to interact with the academic community. Going to meetings, presenting research, and meeting valuable contacts are a few of the opportunities I have had in the last year.

MEGAN SALISBURY is a Petroleum Engineering senior at the University of Oklahoma. She has been conducting research for four years and has made a commitment to continue. Megan has conducted research in Aberdeen, Scotland, and Ethiopia. She plans to attend graduate school in the UK to study climate change and sustainable development. Megan's career goal is to work in a developing country improving water resources. She has interned in Houston with BP and served as an Environmental Advisor.



VALENTIN SANCHEZ is a senior majoring in Mechanical Engineering Technology at Oklahoma State University. He has participated in research each summer and during the academic year since 2007 when he was a freshman. Valentin



has participated in world record-breaking unmanned aerial research with the Pterosoar project and is currently conducting research in nano-technology.

JASON SEMIEN is an Electrical Engineering sophomore at Oklahoma State University. Summer 2011, he served as a counselor / mentor for the ConocoPhillips Summer Engineering Bridge program while he conducted research with his mentor.



As an OK-LSAMP scholar, I have been introduced to a group of students, professors, and OSU staff that are focused on research, internship, and scholarship opportunities for minorities in the STEM fields. Along with these benefits, the program has given me helpful tips on pursuing the kind of research or internship in which I am interested.

KATHARINE STEWART is a senior majoring in Biology at Northeastern State University. Summer 2011, she participated in the Organization for Tropical Studies (OTS) Native American and Pacific Islander Research Experience (NAPIRE) in Costa Rica.



BRITTANY STOUTERMIRE is a Biology senior at Langston University. She has participated in research during the academic year as well as summer internships. Summer 2011, she worked at Oklahoma State University with a Bridge to the Doctorate Fellow working on animal research.



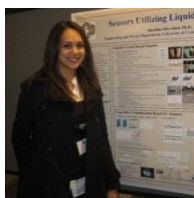
OK-LSAMP has benefited me a lot this year. This program has given me the opportunity to meet other students in Oklahoma that are interested in the same fields as me. Not only have I been able to make ties with other students and professors, I have gained more experience in presenting my research and how there is a bigger picture to every research project. I am truly honored to be a part of this program



MATTHEW TAKYI – MICAH is a freshman majoring in Aerospace and Mechanical Engineering at Oklahoma State University. Matthew participated in the ConocoPhillips Summer Bridge Program in 2011.

Even though Matthew is just starting his college career, he is already seeking out information and assistance for graduate school by attending seminars and workshops such as a Graduate Research Fellowship Program (GRFP) information session.

ANA TAHRANI is a senior in Biomedical Engineering at the University of Central Oklahoma. Summer 2011, she conducted research at Oklahoma State University in the Statistics Department where she plans to attend graduate school.



OK-LSAMP has broadened my horizons, making me stand out from my peers who are not taking time out to do research. Also, from participation within the program, I have met several helpful people and feel comfortable asking questions I may not know the answer to pertaining to grad school, research, or any other opportunities I may seek.



ANTHONY WELLMAN is a Chemistry senior at Northeastern State University. In the summer of 2010, he participated in a Faculty and Student Team (FaST) at Brookhaven National Labs. He has presented at state and national conferences including the Electrochemical Society Meeting in Montreal, Canada in 2011.



BRITANI VANN is a Chemistry sophomore at Langston University. She began college in the SURESTEP Bridge Program and spent the summer of 2011 at the University of North Texas participating in a summer research program.

OK-LSAMP has exposed me to a lot of undergraduate research. I get the benefit to meet researchers and discover what they are doing. There are also many monetary benefits that help me with research opportunities. OK-LSAMP is a great program that I am happy to be a part of.

QUANISHA VICKERS is a Biology senior at Langston University. She has participated in research including a Bioinformatics REU in Habena, Mississippi. Quanisha has presented her research at state conferences.



JOSHUA WARREN is a Zoology senior at Oklahoma State University. Summer 2011, he traveled to Turkey in order to participate in a Research Experience for Undergraduates (REU) Program. His research was to study the aspects of the foraging ecology of bees in the region.



DARRYL WELLS is a Mechanical and Aerospace Engineering senior at Oklahoma State University. He is highly involved in campus organizations including the National Society of Black Engineers (NSBE) and the National Pan-hellenic Council (NPHC). At the 2011 NSBE National Convention, Darryl received an award sponsored by the Board of Corporate Affiliates – the NSBE Fellows Scholarship.

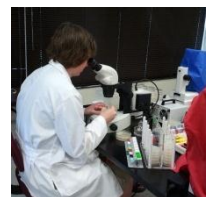


OK-LSAMP has opened me up to the idea of attending graduate school. I have learned vital pieces of information to make this possible, for instance of how to fund my grad school endeavor. Also, by going to conferences, I have learned how to network better with corporate representatives.

TYESHIA WATERS is a Petroleum Engineering senior at the University of Oklahoma. She has interned with Centerpoint Energy and ConocoPhillips and presented her research at local conferences.



TANNER WHEELER is a sophomore majoring in Biology at Southwestern Oklahoma State University. He has conducted research and presented his findings at state and national conferences.



Due to OK-LSAMP funding, I do not have to have to juggle research and a job. I am able to devote the majority of my time outside of class to research. OK-LSAMP has also allowed me the opportunity to present my research in parts of the country where I would normally not be able to go. It has also given me the opportunity to present at the Society of Neuroscience 2011 meeting in Washington, D.C. My career goals are to be an educator and a scientist. I hope to one day be a professor. OK-

LSAMP is allowing me to expand my knowledge on research techniques and science in general. This is an opportunity that most undergraduates will never have, and I am honored to be a part of it.

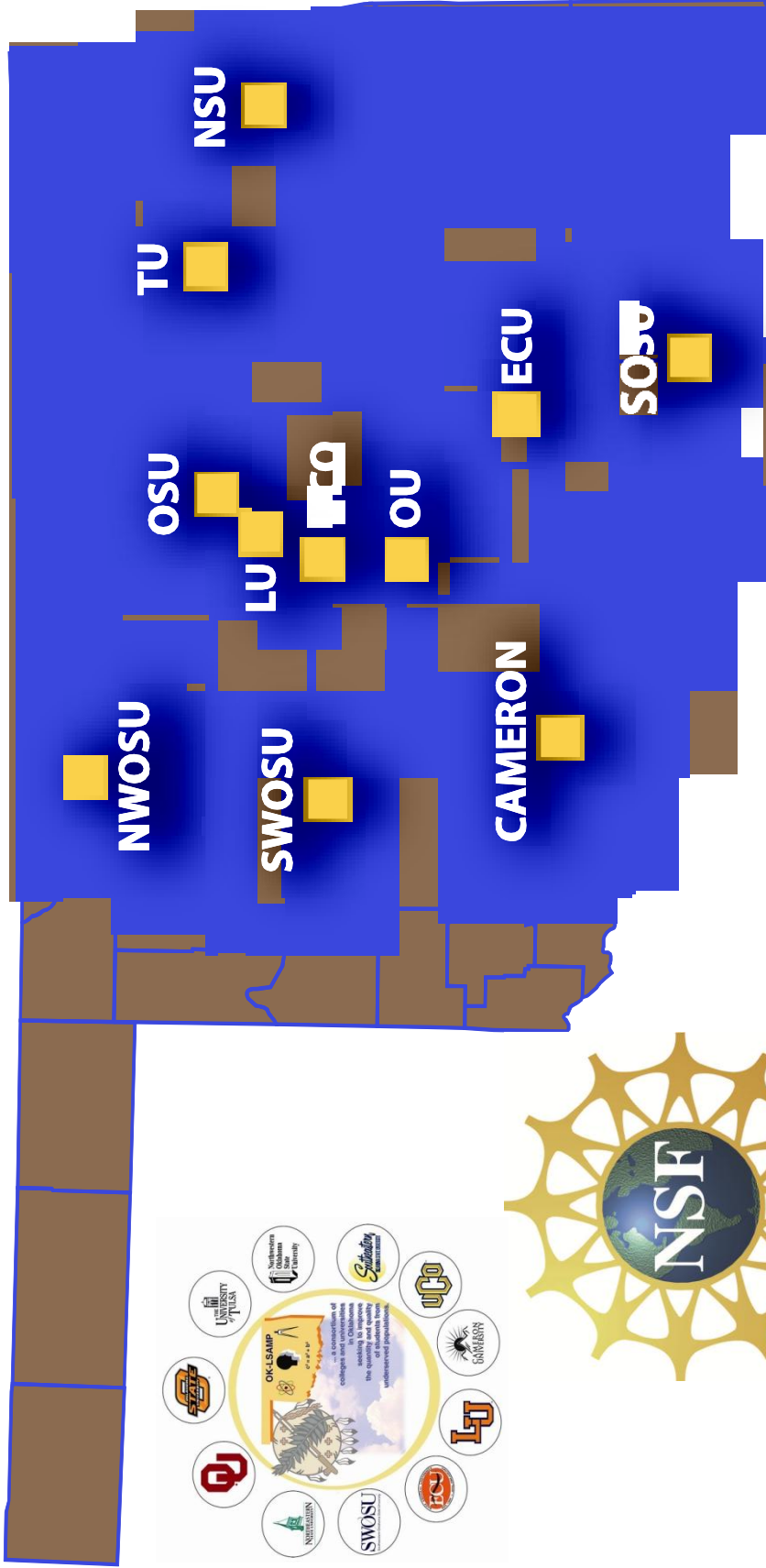
LAUREN WHITE is an Environmental Science senior at Oklahoma State University. She “hit the ground running” her first semester in college. Lauren has conducted research on existing projects and designed her own projects. She spent a spring semester conducting research in west Texas. Lauren participated in a REU through Avila University which took her to Dominica and provided her with her first publication as first author. She has conducted research in Honduras, spent a semester abroad in the Philippines, and has now spent two summers conducting research in Kenya. Lauren has been awarded many scholarships including two OSU distinguished research scholarships and the UDALL National Scholarship. In addition to her academics and research, she spends a lot of time promoting science and research to children – especially those from her small hometown. Whether it be by visiting her former classrooms, inviting the students to conferences and introducing them to professional scientists, or leading sessions at a local nature center, Lauren is giving back to her community.



CHARLES “CJ” WILLIAMS is a Computer Engineering senior at Oklahoma State University. He has participated in a study abroad program in Italy as well as an REU in Montana and an REU at Oakland University. CJ is also involved with the National Society of Black Engineers (NSBE), serving as president 2010-2011.

I am a proud scholar OKLSAMP. The program has helped develop my networking skills, achieving two research internship opportunities, and a chance to achieve my ultimate goal of going to graduate school.





A circular collage of logos for various Oklahoma State University (OSU) programs and departments. The logos include:

- OK-LSAMP: A central logo with a sun and text: "The Oklahoma State University System is proud to be a member of the Oklahoma State University System's OK-LSAMP program. This program is designed to improve the quality and number of students from underserved populations." Below this is the text "The Oklahoma State University System".
- Sustainability: A logo with a leaf and the word "Sustainability".
- Western Oklahoma State University: A logo with a building and the text "Western Oklahoma State University".
- University of Tulsa: A logo with a building and the text "UNIVERSITY OF TULSA".
- OSU: The Oklahoma State University logo.
- CU: A logo with the letters "CU".
- OU: The Oklahoma University logo.
- ECU: A logo with the letters "ECU".
- SWOSU: A logo with the letters "SWOSU".
- ICU: A logo with the letters "ICU".
- LU: A logo with the letters "LU".
- GAHARR: A logo with a sun and the text "GAHARR".
- NSU: A logo with the letters "NSU".
- SO: A logo with the letters "SO".

