

Louis Stokes Alliances for Minority Participation



Bridge to the Doctorate III

Achieving Success in Sustaining the Scientific Workforce

Participating Alliances and Sites

Alabama (University of Alabama at Birmingham), **California** (University of California-San Diego), **California State University** (California State University-Los Angeles), **Florida-Georgia** (University of South Florida), **Illinois** (Southern Illinois University at Carbondale), **Louisiana** (Louisiana State University), **Mississippi** (Jackson State University), **New Mexico** (New Mexico State University), **New York** (The City University of New York), **North Carolina** (North Carolina Central University), **Oklahoma** (The University of Oklahoma), **Philadelphia** (Drexel University), **Puerto Rico** (University of Puerto Rico at Rio Piedras), **Texas** (Prairie View A&M University), **University of Texas System** (University of Texas at El Paso), **University System of Maryland** (University of Maryland-Baltimore County), **Washington Baltimore Hampton Roads** (Howard University), and **Western Alliance to Expand Student Opportunities** (Arizona State University).

2005 - 2006

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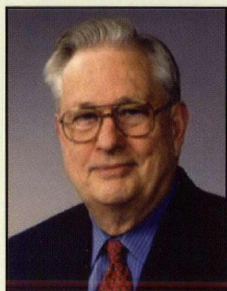
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The National Science Foundation

4201 Wilson Boulevard, Arlington, Virginia 22230

The National Science Foundation (NSF) is a catalyst for progress through investment in science, mathematics and engineering. The agency is guided by its longstanding commitment to the highest standards of excellence in the support of discovery and learning.

NSF's continuing mission is set out in the preamble to the National Science Foundation Act of 1950 (Public Law 810507): To promote the progress of science; to advance the national health, prosperity, and welfare; to secure the national defense; and for other purposes.



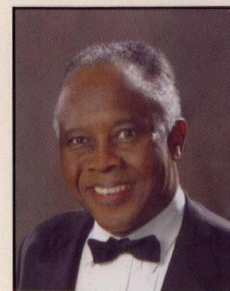
Dr. Arden L. Bement, Jr.
National Science
Foundation Director
Tel: (703) 292-8000
abement@nsf.gov



Dr. Donald Thompson
Acting Assistant Director
Directorate for Education
and Human Resources
Tel: (703) 292-8601
dthompson@nsf.gov



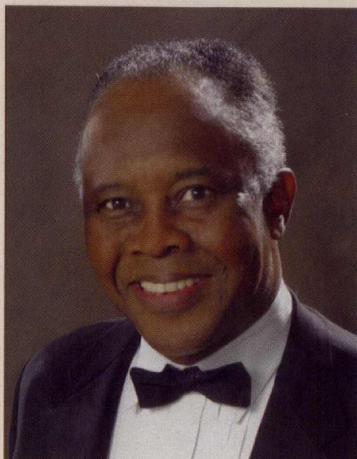
Dr. Victor Santiago
Acting Division Director
Division of Human
Resource Development
Tel: (703) 292-4673
vsantiago@nsf.gov



Dr. A. James Hicks
Program Director
Louis Stokes Alliances for
Minority Participation
Tel: (703) 292-4668
ahicks@nsf.gov

LSAMP'S "Bridge to the Doctorate (BD) Initiative" Exceeds 500 Students

A. James Hicks, Ph.D.
LSAMP Program Director



"Deciding to enroll in a graduate program is a big step for STEM majors. The Bridge to the Doctorate provides not only financial support to make graduate school feasible, but builds community within a welcoming social and professional network. It provides a gateway to intellectual opportunity. The twelve Bridge Fellows at UC Irvine represent a hopeful future for diversifying the science and engineering professions." —Ralph J. Cicerone, President of the National

Academies of Sciences, Former Chancellor, University of California-Irvine and California LSAMP Principal Investigator.

We concur with Dr. Cicerone's observations and report in this document a summary of institutional achievements and student profiles for Cohort 3 participants in NSF's Bridge to the Doctorate Initiative. In 2003, the BD enrolled 130 graduate students at the first 13 institutions. In 2004, the second year, an additional 192 students enrolled at 16 sites, while 18 institutions educated 216 new students in the BD in 2005. At the beginning of this graduate initiative ten students constituted the critical mass at each campus followed by an even dozen in years two (Cohort 2) and three (Cohort 3). Participants are committed life-long, intentional learners who are destined to contribute to science, technology, engineering and mathematics (STEM) disciplines.



Today, as a result of the relatively new BD initiative, well over 500 LSAMP students are participating in graduate studies across the nation. These talented students represent, in part, the future generation of scientists, technology specialists, engineers, mathematicians and science policy specialists. Talented help for America's workforce is just around the corner!

The Bridge to the Doctorate Program

The Directorate for Education and Human Resources (EHR) through the Division of Human Resource Development (HRD) announced the Louis Stokes Alliances for Minority Participation (LSAMP) supplementary activity, "Bridge to the Doctorate", beginning in February 2003. The goal of these supplements is to fund an initial graduate degree bridge activity at Phase III LSAMP Alliance institutions. This activity is designed to broaden participation through the attraction of underrepresented minority students in science, technology, engineering and mathematics (STEM) disciplines. Additionally, this activity seeks to remove minority students' hesitancy about entering graduate school and the fear of creating additional financial indebtedness associated with initial graduate education.

Approximately 25,000 baccalaureate degree recipients are produced annually at LSAMP institutions. In order to ensure matriculation of a larger number of these well trained and educated underrepresented minority students to graduate school, two-year supplemental funding on a competitive basis was made available to Phase III LSAMP Alliances.

The "Bridge to the Doctorate" activity includes effective strategies for recruiting, retaining, educating and graduating student participants. A plan for formally connecting a significant number of newly minted LSAMP master's degree graduates to doctoral degree programs is in place at participating institutions. In addition, participating students will be tracked into doctoral degree programs and the workforce, including the professoriate.

Program Activities

Participating institutions are providing highly valued activities such as mentoring of students, opportunities for travel, participation in professional meetings and hosting seminars and workshops. Examples of such workshops and seminars include the following:

- How to Thrive in Graduate School,
- Demystifying Doctorate and Post Doctorate Programs,
- Elements and Intricacies of the Science and Engineering Workforce Enterprise, Especially the Professoriate, and
- Choosing the Right Graduate School and Advisor.

Thirteen supplemental awards were made in 2003, sixteen in 2004 and eighteen in 2005.



Bridge to the Doctorate Summary

LSAMP	BD Site	Cohort	LS	Ph. S	Egr	Math	CIS	Total	Grand Total
Alabama	Auburn University	C 1	2	4	2	2	0	10	37
	The University of Alabama in Huntsville	C 2	4	3	4	1	3	15	
	The University of Alabama at Birmingham	C 3	1	2	5	1	3	12	
California	University of California-Los Angeles	C 1	2	6	1	0	0	9	33
	University of California-Irvine	C 2	4	2	4	0	2	12	
	University of California-San Diego	C 3	6	2	3	0	1	12	
California State University	San Francisco State University	C 1	11	1	1	1	1	15	40
	California State University-Los Angeles	C 2, C 3	9	6	4	4	2	25	
Florida-Georgia	Florida State University	C 1	3	2	3	1	1	10	34
	University of South Florida	C 2, C 3	10	4	8	2	0	24	
Illinois	Southern Illinois University at Carbondale	C 2, C 3	12	7	6	0	1	26	26
Louisiana	Louisiana State University	C 3	3	5	4	0	0	12	12
Mississippi	Jackson State University	A	15	11	3	1	4	34	34
New Mexico	New Mexico State University	A	1	7	24	2	0	34	34
New York	The City University of New York	A	11	3	14	2	8	38	38
North Carolina	North Carolina A&T State University	C 1	0	2	7	0	1	10	34
	University of North Carolina at Charlotte	C 2	0	3	6	0	3	12	
	North Carolina Central University	C 3	5	6	0	0	1	12	
Oklahoma	Oklahoma State University	C 2	8	1	3	0	0	12	24
	University of Oklahoma	C 3	2	3	5	1	1	12	
Philadelphia	University of Delaware	C 1	2	2	6	0	0	10	34
	New Jersey Institute of Technology	C 2	1	0	8	0	3	12	
	Drexel University	C 3	4	0	8	0	0	12	
Puerto Rico	University of Puerto Rico at Rio Piedras	C 1, C 3	11	11	0	0	0	22	34
	University of Puerto Rico- Mayaguez	C 2	3	6	3	0	0	12	
Texas	Texas A&M University	C 1, C 2	6	1	13	1	1	22	34
	Prairie View A&M University	C 3	0	0	9	2	1	12	
University of Texas System	University of Texas at El Paso	C 1, C 3	4	4	10	0	4	22	34
	University of Texas-Pan American	C 2	3	0	3	5	1	12	
University System of Maryland	University of Maryland Baltimore County	C 3	0	1	7	0	3	11	11
Washington Baltimore Hampton Roads	Howard University	C 2, C 3	15	3	1	5	1	25	25
WAESO	Arizona State University	A	5	1	8	14	0	28	28
Total			163	109	183	45	46	546	546

Program Sites and Coordinators

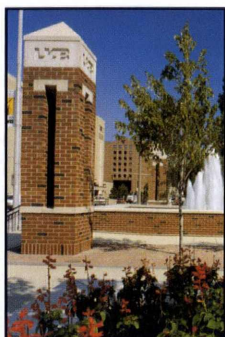
LSAMP	BD Site	BD Coordinator	Cohort
Alabama	Auburn University	Dr. Overtoun M. Jenda, (334) 844-4663, jendaov@auburn.edu	C1
	University of Alabama in Huntsville	Dr. Adriel D. Johnson, Sr, (256) 824-6235, johnsona@email.uah.edu	C2
	The University of Alabama at Birmingham	Dr. Louis Dale, (205) 934-8762, ldale@uab.edu, Dr. Linda Lucas, Dr. Lowell Wenger	C3
California	University of California, Los Angeles	Dr. Richard L. Weiss, (310) 825-3621, weiss@chem.ucla.edu	C1
	University of California-Irvine	Dr. Derek Dunn-Rankin, (949) 824-8745, ddunnran@uci.edu and Professor Yong Chen, (949) 824-6920, y3chen@uci.edu	C2
	University of California-San Diego	Dr. David Artis, (858) 822-4161, dartis@ucsd.edu, Mr. Tim Johnston, (858) 534-3874, tjohnston@ucsd.edu and Dr. Jacqueline Azize-Brewer, (858) 534-8839, jazize@ucsd.edu	C3
California State University	San Francisco State University	Dr. Frank Bayliss, (415) 338-1071, fbayl@sfsu.edu, Dr. David Ellis, (415) 338-1026, dellis@math.sfsu.edu	C1
	California State University Los Angeles	Dr. Carlos Gutierrez, (323) 343-2356, cgutier@calstatela.edu, Dr. Carlos Robles, (323) 343-2067, crobles@calstatela.edu and Dr. Juanita C. Barrena, (916) 278-6258, jbarrena@csus.edu	C2, C3
Florida-Georgia	Florida State University	Dr. Patricia L. Stith, (850) 644-0387, pstith@admin.fsu.edu	C1
	University of South Florida's Colleges of Engineering and Marine Science	Dr. Ashanti J. Pyrtle, (727) 553-1301, apyrtle@marine.usf.edu and Dr. Shekhar Bhansali, (813) 974-3593, Bhansali@eng.usf.edu	C2, C3
Illinois	Southern Illinois University at Carbondale	Dr. Karen Renzaglia, (618) 453-4586, mcnair@siu.edu and Ms. Patricia McNeil, (618) 453-4330, pmcneil@siu.edu	C2, C3
Louisiana	Louisiana State University	Dr. Su-Seng Pang, (225) 578-5892, mepang@me.lsu.edu and Dr. Diola Bagayoko, (225) 771-2777/2730, bagayoko@aol.com	C3
Mississippi	Jackson State University	Dr. James Perkins, (601) 979-2153, james.perkins@jsums.edu	A
New Mexico	New Mexico State University	Dr. Ricardo B. Jacquez, (505) 646-3463, rjaquez@nmsu.edu and Dr. Rudi Schoenmackers, (505) 646-3422, rschoenm@nmsu.edu	A
New York	The City University of New York	Dr. Claude Brathwraite, (212) 650-8854, clbcc@cunyvm.cuny.edu and Dr. Neville Parker, (212) 650-8854, ampcc@cunyvm.cuny.edu	A
North Carolina	North Carolina A&T State University	Ms. Marcia F. Williams, (336) 334-7589 ext. 140, marcia@ncat.edu	C1
	University of North Carolina at Charlotte	Dr. Bill Hill, (704) 687-3385, bjhill@email.uncc.edu	C2

North Carolina	Dr. Sandra Delauder, (919) 530-6456, sdelauder@nccu.edu and Central University	Dr. Mattie Moss, (919) 530-5129, mmoss@nccu.edu	C3
Oklahoma	Oklahoma State University	Dr. Earl D. Mitchell, (405) 744-6189, earl.mitchell@biochem.okstate.edu	C2
	University of Oklahoma	Dr. Teri Rhoads, (405) 325-1069 or 4161, teri.rhoads@ou.edu	C3
Philadelphia	University of Delaware	Mr. Michael L. Vaughan, (302) 831-6315, vaughan@udel.edu	C1
	New Jersey Institute of Technology	Dr. Joel Bloom, (973) 596-3220, joel.s.bloom@njit.edu and Mr. Laurence A. Howell, (973) 596-3686, laurence.a.howell@njit.edu	C2
	Drexel University	Dr. Teck-Kah Lim, (215) 895-2717, teck-kah.lim@drexel.edu and Ms. Sheila Graves, (215) 895-1659, sheila.clark@drexel.edu	C3
Puerto Rico	University of Puerto Rico at Rio Piedras	Professor Javier Figueroa, (787) 765-5170, j_figueroa@upr.edu	C1, C3
	University of Puerto Rico at Mayaguez	Dr. Angel M. Lopez, (787) 265-3844, angel@charma.uprm.edu	C2
Texas	Texas A&M University	Dr. Karan L. Watson, (979) 845-4274, watson@tamu.edu	C1,C2
	Prairie View A&M University	Dr. Kendall T. Harris, (936) 857-4200, ktharris@pvamu.edu and Dr. Danny R. Kelley, (936) 857-4710, danny_kelley@pvamu.edu	C3
University of Texas System	University of Texas at El Paso	Dr. Benjamin Flores, (915) 747-6961, flores@ece.utep.edu	C1, C3
	University of Texas-Pan American	Dr. Miguel Paredes, (956) 381-3452 ext. 2290, mparedes@panam.edu	C2
University System of Maryland	University of Maryland-Baltimore County	Ms. Cynthia Hill, (410) 455-2274, chill@umbc.edu and Dr. Freeman Hrabowski, III, (410) 455-2274, hrabowski@umbc.edu	C3
Washington Baltimore Hampton Roads	Howard University	Dr. Clarence Lee, (202) 238-2511, cmlee@howard.edu	C2, C3
Western Alliance to Expand Student Opportunities	Arizona State University	Dr. Carlos Castillo-Chavez, (480) 965-2115, ccchavez@asu.edu and Dr. Ana Moore, (480) 965-2953, Ana.Moore@asu.edu	A
KEY :			
C1 = Cohort 1 ('03 - '05)	C2 = Cohort 2 ('04 - '06)	C3 = Cohort 3 ('05 - '07) A= All Cohorts	

Alabama Louis Stokes Alliance for Minority Participation (ALSAMP)

Bridge to the Doctorate III

The University of Alabama at Birmingham (UAB)

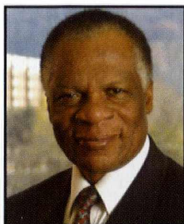


UAB has a long-standing commitment to diversity. Increasing diversity has accompanied the growth of UAB - in just three shorts decades - into a world-class research university. Consider Fall 2004

enrollment:

- Overall enrollment up 2.05 percent over Fall '03 (16,357 to 16,693)
- Strong diversity, with 26.3 percent African American and 60.2 percent female undergrad enrollment up 3.58 percent over last fall (11,046 to 11,441)
- Average ACT up to 22.52 from 21.75 (beating both national and state averages, 20.9 and 20.2, respectively)

The UAB Bridge to the Doctorate



Dr. Dale

Program (BD) is designed to be a transitional effort for ALSAMP students earning undergraduate degrees in Science, Technology, Engineering and

Mathematics. The program is directed by Dr. Louis Dale, Alabama LSAMP Principal Investigator; Dr. Lowell Wenger, Dean of the School of Natural Sciences and Mathematics and Dr. Linda Lucas, Dean of the School of Engineering.

Site Coordinators



Dr. Lowell Wenger,
Dean of the School of
Natural Sciences and
Mathematics



Dr. Linda Lucas,
Dean of The School of
Engineering

Michael Burks, Jr.



Bachelor of Science: Computer Science
Alabama State University 2005
Graduate School Major: Computer and Information Science

I plan to pursue a career in graphic database or systems/application software design and/or teach computer science concepts at a university.

Sheritta M. Cooks



Bachelor of Science: Biology and Chemistry
Tuskegee University 2005
Graduate School Major: Chemistry

I plan to pursue a Ph.D. in chemistry to become a professor and researcher.

Ajai I. Cribbs



Bachelor of Science: Mathematics
University of Alabama in Huntsville 2005
Graduate School Major: Mathematics

I want to obtain my Ph.D. in mathematics. One day I would like to work for the government while working in education part-time. I want to stress the importance of education for minority students.

Christophe E. Jackson



Bachelor of Arts/Bachelor of Science: Music/Chemistry
University of Alabama at Birmingham 2003

Graduate School Major: Biology

I aspire to continue with research and apply to the M.D./Ph.D. program. Once there, I hope to continue studying applications of vocal performance arts medicine and cancer research.

Christopher L. Lindsey



Bachelor of Science: Electrical Engineering
Tuskegee University 2005
Graduate School Major: Electrical Engineering

My career goals are to obtain an advanced degree and enter the work industry while visiting and speaking with high school students to keep interest high in math and engineering.

Aqueasha M. Martin



Bachelor of Science: Computer Science
Tougaloo College 2005
Graduate School Major: Computer Science

After obtaining my M.S. in computer science, I plan to continue by pursuing a Ph.D. in computer science after which I plan to become an academic/industrial researcher in the area of graphics.

2005 - 2007 Bridge to the Doctorate Students

Mellany George



Bachelor of Science: Fiber Engineering
Auburn University 2005
Graduate School Major: Materials Engineering

Upon receipt of my graduate degree in materials engineering, I plan to work for a well-established corporation or plant, starting out as an entry level engineer doing research on different materials for aircraft, cars, medical devices, military, recreation or space equipment.

Melody George



Bachelor of Science: Fiber Engineering
Auburn University 2005
Graduate School Major: Materials Engineering

I plan on establishing a career in a materials and/or fibers research firm to implement my skills in polymers, composites and metals. I wish to engineer those materials to be more efficient, durable and lighter.

Hadiyah-Nicole Green



Bachelor of Science: Physics
Alabama A&M University 2003
Graduate School Major: Physics: Lasers/Biophysics

I aspire to obtain a Ph.D. in physics: biophysics/lasers and develop a new laser treatment for cancer. After working in industry, I plan to return to academia in administration and eventually become the president of a university.

Lindsey McCall, II



Bachelor of Science: Metallurgical Engineering
University of Alabama 2002
Graduate School Major: Materials Engineering

After obtaining a Ph.D. in materials engineering, I plan to develop materials for use in the automotive and aerospace industries.

Hugh E. Percy



Bachelor of Science: Computer Science
Oakwood College 2001
Graduate School Major: Computer Science

My career goals are to establish a computer consulting firm and to design visual learning models for professional students, primarily in the fields of dentistry and dental hygiene.

Stephanie V. Watson



Bachelor of Science: Civil Engineering
Lawrence Technological University 2005
Graduate School Major: Civil Engineering

After completing my master's degree, I plan to work for a construction management company with the intent of becoming a project manager. After working in industry for a while, I plan to obtain my doctorate and become a professor of civil engineering.

California LSAMP Bridge to Doctorate Cohort III

University of California, San Diego

UCSD - A Youthful Tradition of Excellence. Only 45 years old, UCSD is internationally respected for its eminent faculty (eight Nobel laureates, six National Medal of Science winners, 66 members of the National Academy of Sciences, including Chancellor Marye Anne Fox), highly ranked programs, and contributions to global research; home of the Scripps Institution of Oceanography, the world's foremost oceanographic institution, and the Geisel Library, named in honor of Audrey S. and Theodor "Dr. Seuss" Geisel. UCSD is also the site of The San Diego Supercomputer Center, the national center for advanced computational sciences and engineering. Resting on the US-Mexico border, facing the Pacific Rim, and looking back to the American interior, UCSD welcomes the contributions of its Bridge to the Doctorate cohort to the exciting intellectual and cultural dialogue of the twenty-first century. The campus has a total enrollment of 25,964, with 20,679 undergraduates and 3,561 graduate students.



ANTHONY FARINA

- B.S. Biochemistry, UC Riverside 2005
- Graduate Major: Biochemistry
- Career Goal: Research scientist at a university

ALICIA GAMEZ

- B.S. Chemistry, CSU Pomona 2004
- Graduate Major: Biochemistry
- Career Goal: Tenured faculty member at a research university

PABLO GARCIA-REYNAGA

- B.S. Chemistry and B.A. Comparative Literature, UC Berkeley 2005
- Graduate Major: Organic Chemistry
- Career Goal: Become a professor and do research in medicinal chemistry

JAMES MARSHEL

- B.A. Molecular and Cellular Biology and B.A. Psychology, UC Berkeley 2005
- Graduate Major: Neurosciences
- Career Goal: Professor of neuroscience

CYNTHIA PERRY

- B.S. Molecular and Cellular Biology, University of Arizona 2004
- Graduate Major: Molecular Pathology
- Career Goal: Teach and direct a lab

KRISTINA POHAKU

- B.S. Chemistry, UC Santa Barbara 2003
- Graduate Major: Chemistry
- Career Goal: Work in industry or at a national lab

MANUEL RUIDIAZ

- B.S. Computer Engineering and B.S. Molecular Biology, UC San Diego 2005
- Graduate Major: Photonics
- Career Goal: Promote the integration of emerging biological science with engineering

ESMERALDA RUIZ

- B.S. Biological Sciences, UC Irvine 1998
- Graduate Major: Biomedical Sciences
- Career Goal: Contribute to cancer research and effective therapies

SEGIO SANDOVAL

- B.S. Chemical Engineering, UC Irvine 2003
- Graduate Major: Bioengineering
- Career Goal: Ph.D. and work on nano-devices to improve health-care

MOSES TATAW

- B.S. Computer Science, UC Riverside 2005
- Graduate Major: Computer Science and Engineering
- Career Goal: Ph.D. and M.D.

ROBERTO TINOCO

- B.S. Neurobiology, UC Irvine 2005
- Graduate Major: Biology
- Career Goal: Direct my own research lab in academia

MELANIE ZAUSCHER

- B.S. Environmental Chemistry, UC San Diego 2003
- Graduate Major: Mechanical Engineering
- Career Goal: Work in the renewable energy field

David M. Artis, Ph.D. (Literature)
 Director, Academic Enrichment Programs
 Co-Director, Bridge to the Doctorate
 (858) 534-1774 • dartis@ucsd.edu

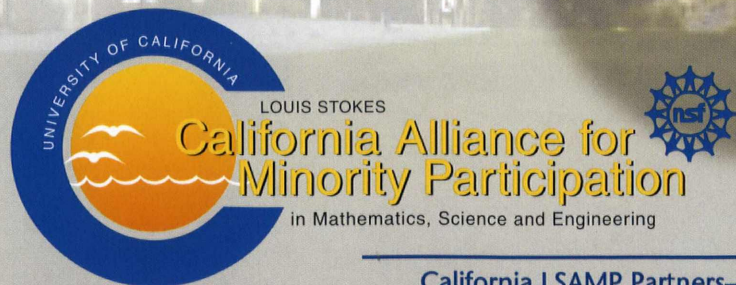


Jacqueline F. Azize-Brewer, Ph.D. (Neurosciences)
 Coordinator, CAMP Science Program
 Associate Director, Bridge to the Doctorate
 (858) 534-8839 • jazize@ucsd.edu



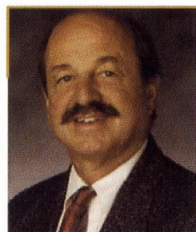
Tim Johnston, M.S. (Educational Counseling)
 Assistant Dean, Office of Graduate Studies and Research
 Co-Director, Bridge to the Doctorate
 (858) 534-3871 • tjohnston@ucsd.edu

BRIDGE TO THE DOCTORATE AT UCSD
 9500 Gilman Drive, La Jolla, CA 92093-0311



California LSAMP Partners—Eight University of California campuses: UC Berkeley, UC Davis, UC Irvine (lead campus), UC Los Angeles, UC Riverside, UC San Diego, UC Santa Barbara, UC Santa Cruz

www.california-lsamp.uci.edu



Ric Brown, Ed.D.
Vice President for Academic Affairs
California State University, Sacramento

CALIFORNIA STATE UNIVERSITY LSAMP PROGRAM

NSF funding of Bridges to the Doctorate (BD), Cohort III has enabled CSU-LSAMP to host a second cohort of students at California State University, Los Angeles. In 2005-2006, Cal State LA will serve as the site for both CSU-LSAMP BD-Cohort II and BD-Cohort III activities. The existence of the Bridge to the Doctorate programs through the Minority Opportunities in Research (MORE) and the CEA-CREST offices have provided students access to graduate study in a broader array of STEM disciplines. Thirteen talented students have been selected as scholars in the Louis Stokes Alliance for Minority Participation Bridges to the Doctorate Cohort III.



CSU-LSAMP Bridge to the Doctorate III California State University, Los Angeles Academic Year 2005-2006



Jose Amenero
BS, Electrical Engineering, 2001
Univ. of CA, Santa Barbara
Current: Computer Science
(emphasis: Computer Engineering)
Career Goal: Ph.D.— Faculty



Cynthia Nelly Carrion
BS, Marine Biology, 2005
Univ. of CA, Los Angeles
Current: Biological Sciences
(emphasis: Biological Oceanography)
Career Goal: Ph.D.— Faculty



Victor Manuel Galvan
BS, Biological Sciences, 2005
Cal State Univ., Fullerton
Current: Biological Science
(emphasis: Biological Oceanography)
Career Goal: Ph.D.— Faculty



Eduardo Gonzalez
BS, Electrical Engineering, 2005
Univ. of CA, Santa Barbara
Current: Electrical Engineering
(emphasis: Wireless Communications Systems)
Career Goal: Ph.D.— Faculty



Vanessa Liz Gonzalez
BS, Marine Biology, 2005
Univ. of CA, Los Angeles
Current: Biological Sciences
(emphasis: Biological Oceanography)
Career Goal: Ph.D.— Faculty



Carlos Hernandez
BS, Biochemistry, 2005
Cal State Los Angeles
Current: Chemistry
(emphasis: Organic)
Career Goal: Ph.D.— Research



Carlos Alberto Ibarra
BA, Pure Mathematics, 2005
Cal State San Bernardino
Current: Pure Mathematics
Career Goal: Ph.D.— Faculty/Research



Grace I. Aldana Masangkay
BS, Biochemistry, 2005
Cal State Los Angeles
Current: Chemistry
(emphasis: Biochemistry)
Career Goal: Ph.D.— Faculty



Lucinda Robledo
BS, Applied and Computational Mathematics, 2005
San Jose State Univ.
Current: Applied Mathematics
(emphasis: Biomathematics)
Career Goal: Ph.D.— Faculty



Gilson J. Sanchez
BS, Biology, 2004
Univ. of CA, Riverside
Current: Biological Sciences
(emphasis: Molecular Biology)
Career Goal: Ph.D.



Angela Lucia Venegas
BS, Psychobiology, 2005
Univ. of CA, Los Angeles
Current: Biological Sciences
Career Goal: M.D./Ph.D.



Keith Allen Whitson, Jr.
BS, Mathematics and Computer Science, 2005
Cal State Dominguez Hills
Current: Applied Mathematics
Career Goal: Ph.D.— Faculty



Renee T. Williams
BS, Chemistry, 2002
Univ. of CA, Irvine
Current: Chemistry
(emphasis: Analytical Chemistry)
Career Goal: Ph.D.— Faculty

California State University, Los Angeles

Located five miles east of downtown Los Angeles, the green hilltop campus has a suburban feel, yet serves one of the most diverse urban populations in the world. Cal State L.A. (<http://www.calstatela.edu>) is an especially good site for advanced training in the sciences. The University has made conscious and consistent efforts to hire talented science faculty, to recruit underrepresented students, to support team research that involves undergraduates as well as graduate students, to improve its facilities and to reconfigure its curriculum. More than two dozen four-year colleges and universities are within a 30 mile radius of campus, and numerous federal, state and private research laboratories operate in the region.

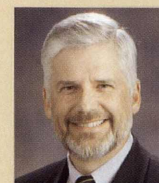


BD-III Coordinators at Cal State LA



Carlos Gutierrez

BD-III Lead Project Director
Professor of Chemistry
Director, MORE Programs
Ph.D., 1975, Synthetic Organic Chemistry
University of California, Davis
(323) 343-2356
cgutier@calstatela.edu



Carlos Robles

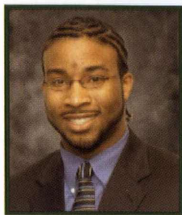
BD-III Associate Project Director
Professor of Biology
Director, CEA-CREST Program
Ph.D., 1979, Zoology
University of California, Berkeley
Phone: (323) 343-2067
crobles@calstatela.edu



Margaret Jefferson

BD-III Associate Project Director
Professor of Genetics
Ph.D., 1977, Genetics
University of Arizona, Tucson
(323) 343-2059
mjjeffer@exchange.calstatela.edu

The Bridge to the Doctorate Program at the University of South Florida

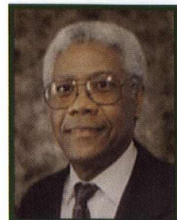


Career Goals:
Ph.D., Biomedical
Engineering;
Faculty/
Research

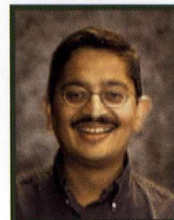
Brandon Henry
B.S. — Biology
Albany State University, 2003



Dr. Ashanti Pyrtle
Program Director;
Assistant Professor of Chemical Oceanography
USF College of Marine Science



Dr. Ralph Turner
Director of FGLSAMP



Dr. Shekhar Bhansali
Program Co-Director;
Associate Professor of Electrical Engineering
USF College of Engineering



Career Goals:
Ph.D., Physical
Oceanography;
Faculty/
Research

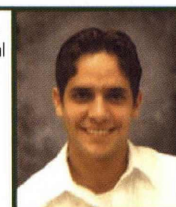
Victoria Roberts
B.S. — Mathematics
Florida AGM University, 2004



Career Goals:
Ph.D., Biomedical
Engineering;
Industry/
Research

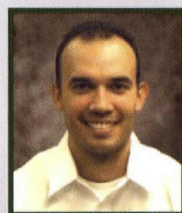
Dorothy Jackson
B.S. — Biomedical Engineering
University of Miami, 2005

"The Bridge to the Doctorate Program hosted at USF provides under-represented STEM minority undergraduates with a wonderful opportunity to pursue Ph.D. degrees in STEM areas such as marine sciences and geosciences that have traditionally been sparsely represented by this population."



Career Goals:
Ph.D., Electrical
Engineering;
Industry/
Research

Henry La Rosa
B.S. — Electrical Engineering
University of South Florida, 2005



Career Goals:
Ph.D., Chemical
Engineering;
Industry/
Research

Luis Rivera
B.S. — Chemical Engineering
University of Puerto Rico-Mayagüez, 2003



The Florida-Georgia Louis Stokes Alliance for Minority

Participation (FGLSAMP) is a coalition of 13 institutions that includes: University of South Florida, University of Florida, Florida A&M University, University of Central Florida, Tallahassee Community College, Albany State University, Bethune-Cookman College, Florida International University, Florida Memorial University, University of Miami, Florida State University, Miami Dade College, and Florida Community College. FGLSAMP is dedicated to increasing the number of students who receive undergraduate and graduate degrees in Science, Technology, Engineering and Mathematics (STEM).

Career Goals:
Ph.D., Chemical
Oceanography;
Faculty/
Research



Regina Easley
B.S. — Chemistry
Hampton University, 1999



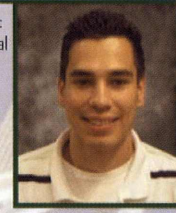
Career Goals:
Ph.D., Chemical
Oceanography;
Faculty/
Research

Nekesha Williams
B.S. — Environmental Studies
State University of New York-ESF, 2002

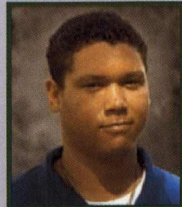


The **University of South Florida** is the site for the third NSF FGLSAMP Bridge to the Doctorate Program. USF is a major metropolitan research university with campuses in Tampa, St. Petersburg, Sarasota, and Lakeland. Over the last two decades, USF has taken its place among the top 50 public research universities in the United States and is one of only three *Research I* universities

Career Goals:
Ph.D., Electrical
Engineering;
Faculty/
Research



Javier Pulecio
B.S. — Electrical Engineering
University of South Florida, 2005



Career Goals:
Ph.D., Biological
Oceanography;
Faculty/
Research

Sennai Habtes
B.S. — Environmental Sciences
University of North Carolina-Chapel Hill, 2003

in Florida. USF is focused on formulating bold ideas and using its research resources to create innovative solutions for the global community.

Unique Features of the Bridge to the Doctorate Program

- Diversity Awareness Workshop for Faculty Mentors
- Biogeochemical Sensors, Development and Applications Course
- Science and Engineering Instruction and Professional Development Course
- Undergraduate Research Opportunities

Career Goals:
Ph.D., Biology;
Faculty/
Research



Phaedra Thomas
B.S. — Biology
Albany State University, 2005

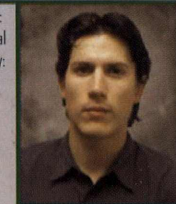


Career Goals:
Ph.D., Biological
Oceanography;
Faculty/
Research

Inia Soto
B.S. — Biology
University of Puerto Rico-Mayagüez, 2004

"Fostering new cross-disciplinary expertise and research endeavors in marine, environmental, biological and chemical sciences, and biomedical sensor designs and other engineering applications."

Career Goals:
Ph.D., Chemical
Oceanography;
Faculty/
Research



Luis Diego Miranda
B.S. — Chemistry
Florida AGM University, 2002

For additional program information contact: Ashanti Pyrtle, Project Director, USF College of Marine Science
140 7th Ave. S., St. Petersburg, FL 33701, 727.553.1301, apyrtle@marine.usf.edu



Levenia Baker: B.S. Chemistry, Alcorn State University. Graduate Major: Molecular, Cellular and Systemic Physiology. Career Goal: Working on specific pathways that play a role in the initiation of breast cancer.



Angela Bolling: B.S. Mechanical Engineering, Southern Illinois University Edwardsville. Graduate Major: Mechanical Engineering. Career goal: Researching energy utilization of certain meat systems and how to maximize the efficiency of these systems across the United States.



Harriet Crockett: B.S. Biology, Alcorn State University. Graduate Major: Molecular, Cellular and Systemic Physiology. Career Goal: To pursue a dual M.D./ Ph.D. degree in order to conduct leading biomedical research.



Deidra Felton: B.S. Food and Nutritional Sciences, North Carolina Agricultural and Technical State University. Graduate Major: Animal Science. Career Goal: Quantifying the amount of benefits in conjugated linoleic acids in the meat and milk products of ruminant animals.



Nina Hickland: B.S. Electrical Engineering, Southern Illinois University Carbondale. Graduate Major: Electrical Engineering. Career Goal: To work with radio frequency design, particularly the development of Bluetooth wireless communication.



Nastassia Jones: B.S. Biology, Albany State University. Graduate Major: Molecular Biology, Microbiology and Biochemistry. Career Goal: Genetic research via prokaryotic systems and the relating this foundation to researching the genetics of hypertension.



Alex Meredith: B.S. Agricultural Business, Delaware State University. Graduate Major: Agricultural Education. Career Goal: Diversifying the field of agriculture with emphasis in agricultural literacy and research.



Lola Olufemi: B.S. Biology, DePaul University. Graduate Major: Molecular Biology, Microbiology and Biochemistry. Career Goal: Obtain Ph.D. and work in the pharmaceutical industry to research and develop new drugs.



Eboni Perkins: B.S. Chemistry, Chicago State University. Graduate Major: Chemistry/Organic. Career Goal: Design and synthesize novel drug delivery materials and encourage women to venture into science and mathematics.



Michael Simelton: B.S. Industrial Engineering Technology, Southeast Missouri State University. Graduate Major: Manufacturing Systems/ Technology. Career Goal: To work in the automotive industry and eventually teach at the college level.



Anthony Stevens: B.S. Geology, Southern Illinois University Carbondale. Graduate Major: Geology. Career Goal: To obtain a Ph.D. in Environmental Resource and Policy specializing in pale environment reconstruction and Micropaleontology.

ILSAMP Bridge to the Doctorate Program



Dr. Elnora D. Daniel
President & PI



Dr. Marian Wilson-Comer
Executive Director & Co-PI



The National Science Foundation's Bridge to the Doctorate program provides crucial support for stellar students to navigate through advanced STEM programs to a terminal degree and faculty opportunity. Cohorts I and II at Southern Illinois University Carbondale (SIUC) will contribute to changing the face of the STEM workforce, in particular academics, throughout the state and nation.

In addition to the lead institution, Chicago State University, the Illinois Louis Stokes Alliance for Minority Participation (ILSAMP) incorporates one senior institution (Governors State University), nine community colleges, and eight comprehensive universities throughout the state of Illinois: DePaul University, Illinois Institute of Technology, Illinois State University, Northeastern Illinois University, University of Illinois at Chicago, Southern Illinois University at Carbondale, and Southern Illinois University at Edwardsville.

SIUC is the only public Doctoral Research-Extensive comprehensive university in the southern half of the state. There are over 21,000 students and eight academic colleges, including nine departments in the College of Science and five in the College of Engineering. At both undergraduate and graduate levels, the involvement of students in research and scholarly, creative activities provides an enriched experience that prepares them for academic success. The University is proud to be part of ILSAMP and to host the Bridge to the Doctorate Program.



Earlene Thompson: B. S. Computer Science, Jackson State University. Graduate Major: Computer Science. Career Goal: To pursue a Ph.D. in technology and conduct research in computer technology.



Jesse Vargas: B.S. Chemistry and Biology, University of California Irvine. Graduate Major: Molecular, Cellular and Systemic Physiology. Career Goal: Obtaining a Ph.D. in physiology and pursuing work in clinical research.

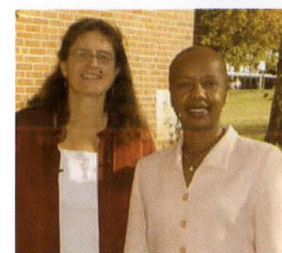


Robert Walker: B. S. Biochemistry, Alcorn State University. Graduate Major: Molecular, Cellular and Systemic Physiology. Career Goal: To pursue a Ph.D. in the causes and effects of Lupus in African Americans.



Program Director: Karen Renzaglia, Ph.D.
Research Professor, Plant Biology
renzaglia@plant.siu.edu, (618) 453-4586

Program Coordinator: Pat McNeil, M.S.
Assistant Dean, Graduate School
pmcneil@siu.edu, (618) 453-4330



Louisiana State University

LS-LAMP/BDP Bridge to the Doctorate Program

LS-LAMP/BDP Management Team



Rochelle Williams
BS, Physical Sciences
College (2003) - M.S.,
Engineering and Material
Science/Southern
University (2005)
Career Goals:
PhD, Engineering &
Material Science



Adeyeba Abera
BS, Electrical Engineering/
Virginia Polytechnic
Institute and State
University (2004)
Career Goals:
PhD, Electrical
Engineering



Aysha Henderson
BS, Biological Sciences/
Southern University (2004)
Career Goals:
PhD, Cellular and Molecular
Biology



Charisma Edwards
BS, Electrical Engineering/
Clark Atlanta University (2004)
Career Goals:
PhD, Electrical Engineering



Jeff West
BS, Physical/Northern
University (1995) - BS,
Microbiology/Louisiana
State University (1997) -
M.S., Biology/NMSU
(2000)
Career Goals:
PhD, Biology/Immunology



Kandace Thomas
BS, Chemistry/ Southern
University A&M (2005)
Career Goals:
PhD, Inorganic Chemistry



Myron Peters
BDP Coordinator



Steve Watkins, Ph.D
Co - PI, LS-LAMP



Diola Bagayoko, Ph.D
PI, LS-LAMP



Isaiah Warner, Ph.D
Co - PI, LS-LAMP



Su-Seng Pang, Ph.D
PI, LS-LAMP

Through the Louisiana Alliance for Minority Participation (LAMP), the Louisiana State University Office of Strategic Initiatives (LSU/OSI) is pleased to announce a Fellowship opportunity available through the "Louis Stokes Alliance for Minority Participation -- Bridge to the Doctorate Program" (LS-AMP/BDP), an initiative of the National Science Foundation. Dr. Diola Bagayoko at Southern University and Dr. Su-Seng Pang are the Principal Investigators (PIs) of the LSU/BDP, while Drs. Steven F. Watkins and Isiah M. Warner are Co-PIs. This project is a direct and logical extension of LS-LAMP whose primary goal is to increase the participation of under-represented minorities in STEM disciplines and to ease the transition of these graduates into graduate school.

LSU/BDP offers: twelve fellowships at \$30,000/yr and one fellowship supplement at \$5,000/yr for two years; payment of tuition and fees; individualized faculty mentoring and coaching; participation in professional conferences and meetings; links to research and professional opportunities; and enriched academic services and support. The program is also an implementation and institutionalization of the 10-Strand Systemic Mentoring model developed by Dr. Bagayoko at all LS-LAMP institutions. The resulting reform-imbued enhancement of the teaching, mentoring, and research infrastructure of LS-AMP/BDP institutions and their ultimate institutionalization are expected to have an impact far beyond minority education, STEM disciplines, and Louisiana.

With the inception of the LSU/BDP program in Fall 2005, the following Fellows have received awards; all of whom display great potential, sound judgment, good character and intellect. The LSU/BDP program coordinator can be reached at mpete13@lsu.edu or via telephone by dialing (225) 578.0480.



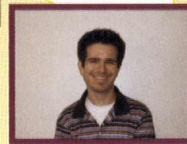
Leonard Moore
BS, Physical/Grading
State University - BS,
Chemistry (2004)
Clemson State
University (2004)
Career Goals:
PhD, Chemistry, Analytical



Ursula White
BS, Biological Sciences/
Louisiana State University
(2004)
Career Goals:
PhD, Biological Sciences



Monica Sylvain
BS, Chemical
Engineering/Howard
University (1990)
Career Goals:
PhD, Chemistry



Luis Alvergue
BS, Electrical
Engineering/McNeese
State University
Career Goals:
PhD, Electrical
Engineering

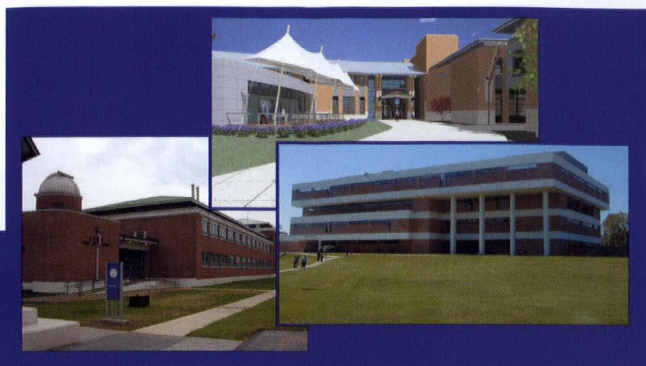


Kregg Qualries
BS, Physics &
Math/Morhouse College
Career Goals:
PhD, Mechanical
Engineering



Marietta P. Boisford
BS, Biology/ Southern
University of New Orleans
(2005)
Career Goals:
PhD, Biological Sciences

Leroy Davis - BS, Biological Sciences | Southern University and A&M | Career Goals | PhD, Biological Sciences | (Not Pictured)



Mississippi - Cohort 3 LSAMP Bridge to the Doctorate Program at Jackson State University

JSU is the State of Mississippi's only urban, comprehensive institution and is designated as "doctoral/research intensive" by the Carnegie Foundation. It offers doctorate degrees in ten disciplines. JSU ranks No. 1 in the acquisition of federally funded research dollars and No. 2 in awarding doctoral degrees among research-intensive historically black colleges and universities. Jackson State ranks No. 7 among all institutions in awarding doctorates to African Americans.



Kirbie Clark
BS - Biology
Univ. of Southern
MS-'05
Career Goal: Ph.D. in
Endocrinology



William Clay
BS - Mathematics
MS Valley St. Univ-'05
Career Goal: Ph.D. in
Math/Cryptography



Ashley Davis
BS - Biology
Jackson State Univ-'05
Career Goal:
Ph.D. in Pathology



Samuel Haile
BS - Biology
Jackson State Univ-'05
Career Goal:
Ph.D. in Biology



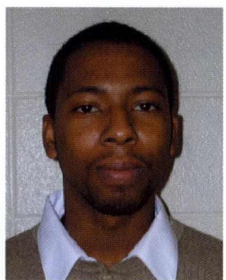
Canelda Perry
BS - Biology
Jackson State Univ-'05
Career Goal: Ph.D. in
Neuropharmacology/
Neuroscience



Nancy Nwakanma
BS - Biology
Florida A&M '05
Career Goal: Ph.D.
in Anatomy and
Physiology



Talibah Smith
BS - Chemistry
Jackson State Univ-'02
Career Goal: Ph.D.
in Computational
Chemistry



Justin Smith
BS - Chemistry
Dillard Univ-'05
Career Goal: Ph.D. in
Inorganic Chemistry



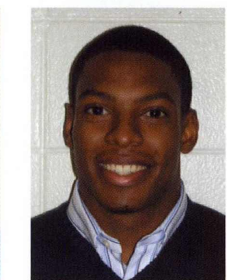
Derrick White
BS - Biology
Jackson State Univ-'05
Career Goal: Ph.D. in
Molecular Biology



Tollie Thigpen
BS - Chemistry/Math
Alcorn State University
Career Goal: Ph.D. in
Computational
Chemistry



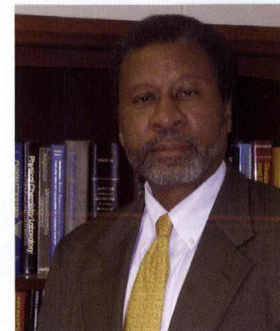
Crystal Winger
BS - Computer Eng.
Jackson State Univ-'05
Career Goal: Ph.D.
in Computational
Engineering



Jelani Zarif
BS - Biology
Jackson State Univ-'05
Career Goal: Ph.D. in
Molecular and Cellular
Biology

The state has become a leader in increasing the success of underserved students at the undergraduate and graduate level in Science, Technology, Engineering and Mathematics. The Mississippi Alliance for Minority Participation (MAMP), a consortium of the state's eight public universities was one of the first six such alliances funded by NSF to address the problem of minority under-representation in STEM through systemic changes at the undergraduate level. LSMAMP has been successful in both the production of doctorates and the preparation of students ready to enter doctoral programs. LSMAMP, with the help of the Bridge to the Doctorate (BD) program, has prepared 10-12 students annually by supporting Master degree production within the state of Mississippi. The MAMP Bridge to the Doctorate program, with JSU as the institutional lead provides the resources to support 24 minority students to pursue graduate STEM degrees (MS) and then bridge to doctoral programs at MAMP institutions or other doctoral institutions across the nation. The MAMP program has been successful thus far, 100% of the first cohort of 10 Bridge to the Doctorate students were placed in doctoral programs after receiving a research Masters degree from JSU. The MAMP BD program will double the number of doctoral degrees received by underserved students matriculating from MAMP programs over the next 10 years.

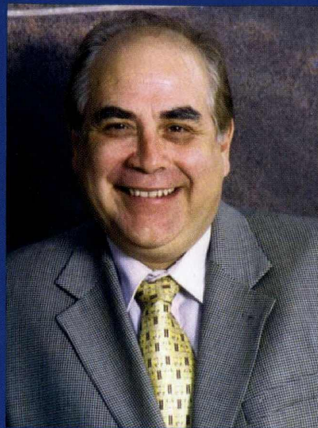
Dr. James Perkins, Professor of Chemistry
Director, Office of Research, College of Science, Engineering & Technology,
Director, LSMAMP & Bridge to the Doctorate Program
P.O. Box 18119, Jackson, MS 39217 - 601-979-2024 : james.perkins@jsums.edu:



NEW MEXICO

Alliance for Minority Participation

Bridge to the Doctorate



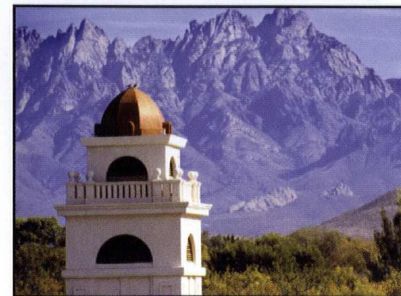
Principle Investigator:
William V. Flores, Provost

"The Bridge to the Doctorate has been a significant addition to the on-going achievements of the New Mexico Alliance for Minority Participation program on our campus and across the state. The Bridge to the Doctorate has broadened the scope of opportunities available for underrepresented and diverse groups, enhanced the connections between research and education, and advanced our students' discovery and understanding of their own potential."

Project Director/Program Coordinator:

Ricardo B. Jacquez, Ph.D., PE;
New Mexico AMP
Administrative Office
MSC 3AMP
New Mexico State University
P.O. Box 30001
Las Cruces, NM 88003-8001
(505) 646-3463
rjaquez@nmsu.edu
Ph.D., Civil Engineering
Research area: Environmental Engineering with emphasis on application of microbiology to wastewater treatment.

New Mexico State University is a vibrant mix of Southwestern tradition and leading edge technology — a major research university that is also a regional center of art and cultural activities. With a multicultural population of more than 23,000 graduate and undergraduate students on the main campus and four branch campuses, NMSU continues to build on its land-grant heritage of teaching, research and service. The university offers 73 bachelor's degree programs, 51 master's degree programs and 24 doctoral programs. It is classified by the Carnegie Foundation for the Advancement of Teaching as a Doctoral/Research University - Extensive.



Matthew J. Berry: B.S., Electrical Engineering, New Mexico State University, 2004. Graduate major: Electrical Engineering. Career Goal: A Ph.D. in Electrical Engineering and career as an engineer in the electro-magnetics community and a possible academic career as a professor in electro-magnetics with emphasis on antenna theory and design.



Alfredo Juarez: B.S., Mechanical Engineering, New Mexico State University, 2005. Graduate major: Mechanical Engineering. Career goal: A Ph.D. in Mechanical Engineering with a career in the aerospace industry working as a test engineer specializing in the aerodynamic characteristics of the flight vehicles.



Andrew Y. Blackman, B.S., Mechanical Engineering, New Mexico State University, 2004. Graduate major: Industrial Engineering. Career goal: A Ph.D. in Industrial Engineering to use digital video, 3D animation and graphic art for classroom visualization and/or analyzing human performance in medical applications.



Jeremy Peña: B.S., Mechanical Engineering, New Mexico State University, 2006. Graduate major: Mechanical Engineering. Career goal: A Ph.D. in Mechanical Engineering continuing with an academic career as an ME professor with strong research interests in fluid/aerodynamics.



Veronica V. Bunn, B.S., Engineering Technology, New Mexico State University, 2006. Graduate major: Computer Science. Career goal: A Ph.D. in Computer Science and work with the FBI in a computer forensic laboratory to combat terrorism and crime utilizing cyber-intelligence and forensic applications.



Phillip D. Rivera, B.S., Biology, New Mexico State University, 2005. Graduate major: Inorganic Chemistry. Career goal: A Ph.D. in Inorganic Chemistry leading to an academic career as a professor of neuroscience specializing in addiction responses.



Angelica Chacon, B.S., Engineering Technology, New Mexico State University, 2005. Graduate major: Electrical Engineering. Career goal: A Ph.D. in Electrical Engineering leading to a research career investigating the improvement in computer network technology, computer architecture design and performance, and operating systems.



Brady J. Rocks: B.S., Mathematics, New Mexico State University, 2005. Graduate major: Mathematics. Career goal: A Ph.D. in Mathematics with research interests in the field of real analysis or applied mathematics.



Javier Cerna, Jr., B.S., Electrical and Computer Engineering, New Mexico State University, 2004. Graduate major: Electrical and Computer Engineering. Career goal: A Ph.D. in Electrical and Computer Engineering followed by work in industry and then teaching while doing research in Very Large Scale Integrated Circuits (VLSI) and Electromagnetics.



Jose A. Solis, B.S., Civil Engineering, New Mexico State University, 2005. Graduate major: Civil Engineering. Career goal: A Ph.D. in Civil Engineering specializing in water resources engineering.

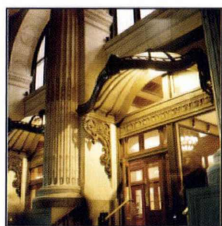


Andrea Chavez: B.S., Civil Engineering, New Mexico State University, 2006. Graduate major: Civil Engineering. Career goal: A Ph.D. in Civil Engineering specializing in structural engineering with research in bridge engineering as well as seismic design.



Rosie G. Talamantez, B.S., Industrial Engineering, New Mexico State University, 2005. Graduate major: Industrial Engineering. Career goal: A Ph.D. in Industrial Engineering followed by a career as a medical instructor/facilitator to innovate and engineer a coherent qualitative clinical care criterion utilizing health care ergonomics and human resources.

NEW YORK CITY ALLIANCE



A unique and distinguished intellectual partnership, The Graduate Center is the doctorate-granting institution for The City University of New York (CUNY). Here, 4,000 students and 1,600 faculty join in the shared enterprise of exploring and expanding the boundaries of knowledge within 32 doctoral programs in the humanities, social sciences and sciences.



The Graduate Center, The City University of New York • 365 Fifth Avenue, New York, NY 10016
 Bridge to the Doctorate Coordinator at the Graduate Ctr. - **Gail Smith, Acting Assistant Provost**
 212-817-7540 • gsmith@gc.cuny.edu



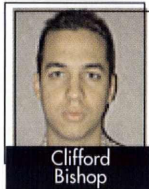
Dr. Neville Parker, NYC LSAMP PI,
 City College • 138th & Convent Ave., Marshak J14, NY, NY 10031
 212-650-8854
 ampcc@sunysm.cuny.edu

There are more than forty (40) chartered CUNY Institutes or Centers conducting STEM research, with six (6) led by minority faculty members. Bridge to the Doctorate participants will benefit from a rich research environment with superb training facilities, access to distinguished research-active STEM faculty, and opportunities to conduct research at Brookhaven National Labs.

"The Bridge to the Doctorate program will provide the necessary incentive to enable the New York City LSAMP program to build the critical mass needed to remain catalytic, recruiting and retaining top LSAMP Research Scholar graduates to pursue graduate studies through to completion of the Ph.D."



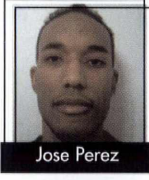
B.A. in Anthropology
 Lehman College '05
 Graduate Major: Archaeology
 Career Goal: I am interested in pursuing a Doctorate in Archaeology.



B.S. Computer Science
 City College '06
 Graduate Major: Computer Science
 Career Goal: A career in the IT industry working in Database Systems and Software Engineering.



B.S. Biochemistry
 City College '06
 Graduate Major: Biochemistry
 Career Goal: Continue my professional development as a scientist by obtaining a Doctoral degree in Biochemistry.



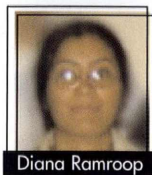
B.S. Computer Science
 City College '06
 Graduate Major: Computer Science
 Career Goal: Obtain a Doctoral degree in Computer Science, with a specialization in Database Systems.



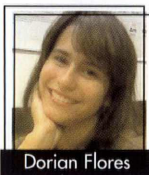
B.S. Biology
 Medgar Evers College '06
 Graduate Major: Environmental Science
 Career Goal: Gain acceptance to a Doctoral program and obtain a degree in Environmental Science.



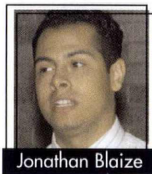
B.S. Computer Science
 Lehman College '06
 Graduate Major: Computer Science
 Career Goal: Obtain a Doctoral degree in Computer Science and teach at the college level.



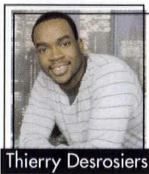
B.S. Biology
 Queens College '06
 Graduate Major: Biology
 Career Goal: Attend graduate school and further my studies in Biology. I am currently interested in the fields of Conservation Biology and Ecology.



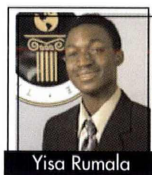
B.S. Geology
 York College '06
 Graduate Major: Geology
 Career Goal: Complete graduate school and pursue a position in an organization such as the USGS.



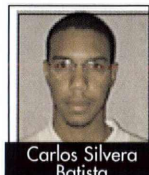
B.S. Environmental Studies
 College of Staten Island '05
 Graduate Major: Biology
 Career Goal: After obtaining a Doctoral degree, I hope to secure a position with a University/Hospital.



B.S. Mathematics
 NYC College of Technology '06
 Graduate Major: Mathematics
 Career Goal: Earn a Doctoral degree in Applied Mathematics, and work primarily in an Industrial setting.



B.S. Physics
 York College '06
 Graduate Major: Physics
 Career Goal: My goal is to obtain a Doctoral degree in the field of Electrical Engineering or Applied Physics.



B.E. Chemical Engineering
 City College '06
 Graduate Major: Chemical Engineering
 Career Goal: Contribute to the education of the next generation by becoming a Professor.

North Carolina Louis Stokes Alliance for Minority Participation

Dr. Carolyn W. Meyers, Principal Investigator

Dr. Joseph Monroe, Co-Principal Investigator

www.nclsamp.org



Dr. Carolyn W. Myers, Provost and Vice Chancellor for Academic Affairs, NC-LSAMP PI

"The Bridge to the Doctorate Program, funded by the National Science Foundation (NSF) has afforded the North Carolina Louis Stokes Alliance for Minority Participation (NC-LSAMP) the opportunity to provide financial support to twelve graduate students. These students otherwise would have to acquire financing through loans and outside employment. Because of the Bridge to the Doctorate Program these Bridge Scholars can now dedicate their full attention to their pursuit of a graduate degree without the added pressure of indebtedness. The Bridge to the Doctorate program will provide even greater visibility to the existing NC-LSAMP program and continue to bring prestige to the North Carolina Alliance institutions."

Bridge to the Doctorate Institution, North Carolina Central University, Cohort III

North Carolina Central University is a comprehensive university offering programs at the baccalaureate, master's, professional and selected doctoral levels. It is the nation's first public liberal arts institution founded for African Americans. The university maintains a strong liberal arts tradition and a commitment to academic excellence in a diverse educational and cultural environment. It seeks to encourage intellectual productivity and to enhance the academic and professional skills of its students and faculty. The mission of the university is to prepare students academically and professionally to become leaders prepared to advance the consciousness of social responsibility in a diverse, global society. Teaching, supported by research, is the primary focus of the university. As a part of that focus, the university encourages its faculty to pursue intellectual development and rewards effective teaching and research.



Bridge to the Doctorate Coordinator



Dr. Saundra DeLauder

215 Hubbard Building
North Carolina Central University
1801 Fayetteville St., Durham, NC 27707
(919) 530-6456
sde-laude@nccu.edu

LSAMP PI, HBCU-UP Co-PI
Interim Chemistry Department Chairperson
Lead Scientist for the Environmental Research in Communities of Color Grant

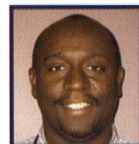
B.S., Chemistry, Mathematics Minor, University of North Carolina at Greensboro
M.S., Physical Chemistry, North Carolina A&T State University
Ph.D., Analytical Chemistry, Howard University

NC-LSAMP Bridge to the Doctorate Scholars



Regis Fouti

B.S., Chemistry
North Carolina Central University, 2005
Graduate School Major: Chemistry
Career Goal: Research, Organic (Medicinal Chemistry),
Pharmacology/Medicinal Chemistry



Peter Muriuki

B.S., Environmental Science
North Carolina Central University, 2004
Graduate School Major: Earth Science
Career Goal: Geography, Earth Sciences



Selena Johnson

B.S., Chemistry
North Carolina Central University, 2000
Graduate School Major: Chemistry
Career Goal: Pharmacology



Merton Pajibo

B.S., Chemistry
North Carolina Central University, 2002
Graduate School Major: Chemistry
Career Goal: Medicinal Chemistry - Drug Design



Wanida Lewis

B.S., Chemistry
St. Augustine College, 2005
Graduate School Major: Chemistry
Career Goals: Medicinal Chemistry – Drug Design



Tamara Spivey

B.A., Geography/Earth Science
North Carolina Central University, 2005
Graduate School Major: Geography/Earth Science
Career Goal: Geography, Earth Sciences



Benjamin Mogesa

B.S., Chemistry
North Carolina Central University, 2005
Graduate School Major: Chemistry
Career Goal: Bioanalytical Research



Nicole Strong

B.S., Biology
South Carolina State University, 2005
Graduate School Major: Biology
Career Goal: Ph.D. Microbiology



Aja Moore

B.S., Chemistry
North Carolina Central University, 2004
Graduate School Major: Chemistry
Career Goals: Research, Environmental Research



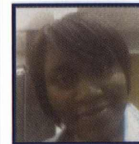
James Trice

B.S., Biology
North Carolina Central University, 2005
Graduate School Major: Biology
Career Goal: Research, Marine Sciences



Candice Morrison

B.S., Environmental Science
North Carolina Central University, 2005
Graduate School Major: Environmental Science
Career Goal: Research, Environmental Sciences



Josette Wilkes

B.S., Computer Science
North Carolina A&T State University, 2005
Graduate School Major: Information Technology
Career Goal: Ph.D. Information Science

BRIDGE TO THE DOCTORATE PROGRAM

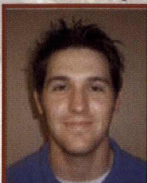
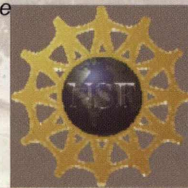


Created by the Oklahoma Territorial Legislature in 1890, the University of Oklahoma is a doctoral degree-granting research university serving the educational, cultural, economic and health care needs of the state, region and nation. The Norman campus serves as home to all of the university's academic programs except health-related fields. Both the Norman and Health Sciences Center colleges offer programs at the Schusterman Center, the site of OU-Tulsa. The OU Health Sciences Center, which is located in Oklahoma City, is one of only four comprehensive academic health centers in the nation with seven professional colleges. OU enrolls more than 30,000 students, has more than 2,000 full-time faculty members, and has 20 colleges offering 153 majors at the baccalaureate level, 133 majors at the master's level, 75 majors at the doctoral level, 20 majors at the first professional level, and 18 graduate certificates. The university's annual operating budget is more than \$1 billion. The University of Oklahoma is an equal opportunity institution. (11/05).



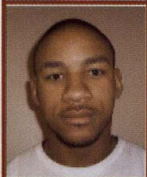
Teri Reed Rhoads
Bridge to the Doctorate Program Director
and Associate Dean for Education,
College of Engineering

"As a newcomer to the National Science Foundation's Bridge to the Doctorate community, we are excited about the opportunities this program brings to our students, faculty and staff. Improved communication, leadership and preparation for the professoriate are anticipated outcomes for OU's Bridge to the Doctorate Fellows. The enhancement to our existing LS-AMP program will be seen as the Fellows mentor our undergraduates who are already engaged in research. Faculty and staff will benefit from working with a diverse graduate community as they strive to become academic leaders. We are honored to participate in this elite program."



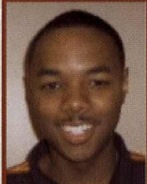
Jacob Henderson

BS Institution: The Univ. of Oklahoma, Norman, OK
Major: Computer Engineering
Career Goals: to continue research in the vibrant academic atmosphere.



Steven Harris

BS Institution: Langston Univ., Langston, OK
Major: Chemistry
Career Goals: to set up a laboratory for the production, testing and research of new drugs.



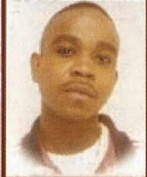
Desmond Harvey

BS Institution: Langston Univ., Langston, OK
Major: Chemistry
Career Goals: to become a professor in order to expand the knowledge of future generations.



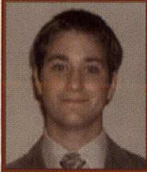
Quintin Hughes

BS Institution: The Univ. of Oklahoma, Norman, OK
Major: Industrial Engineering
Career Goals: to return his expertise to the community and enhance professional opportunities for less privileged.



Kevin James

BS institution: Southern Univ. A&M College, Baton Rouge, LA
Major: Electrical and Computer Engineering
Career goals: to be a professor at an institution where he can conduct research, establish programs for less privileged minorities, and be a mentor to students needing guidance.



Shawn McCarroll

BS Institution: The Univ. of Oklahoma, Norman, OK
Major: Computer Science
Career Goals: to learn more and share it with others particularly through research and teaching.



Marshall McCutchen

BS Institution: East Central Univ., Ada, OK
Major: Physics
Career Goals: to become a research physicist and to make important contributions to the scientific community.



Israel Osisanya

BS Institution: The Univ. of Oklahoma, Norman, OK
Major: Petroleum Engineering
Career Goals: to give back to his own community through teaching and mentoring of prospective minority students or professionals in his specific area of interest.



Marquita Rowland

BS Institution: Langston Univ, Langston, OK
Major: Biology
Career Goals: to advance the field of medical research.



William Vazquez

BS Institution: Cameron Univ., Lawton, OK
Major: Mathematics
Career Goals: to teach at a University and/or work as a contracted researcher.



T'Aire D. Wallace

BS Institution: Langston Univ., Langston, OK
Major: Microbiology
Career Goals: to conduct research in microbiology as a university professor or with a major corporation.



Heath Work

BS Institution: The Univ. of Oklahoma, Norman, OK
Major: Bioengineering
Career Goals: to advance the field of medical research including biomedical products that particularly affect the Native American community.

Greater Philadelphia Region LSAMP Bridge to the Doctorate Program Participants



Drexel University, a private, nonsectarian coeducational university, has maintained a reputation for academic excellence since its founding in 1891. The University offers 175 degree programs to over 11,000 undergraduate and 4,200 graduate students making it the 20th largest private university in the nation. (Eighteen graduate degrees are in STEM disciplines). Drexel is home to one of the nation's oldest and most established experiential education programs, Drexel Co-op: "The Ultimate Internship".



Stephen R. Cox, Co-PI, Project Director, Philadelphia AMP
Director of the Center for Undergraduate Research Excellence (CURE), Drexel University

The Greater Philadelphia Region LSAMP Bridge to the Doctorate Program has now matured. We have seen tremendous growth in our Cohort I candidates as we monitored their success in pursuit of the Ph.D. This year Cohort II and III will raise the bar on research activity and publications of BTM participants. The Bridge candidates exemplify the spirit of a new breed of technically competent and creative minority scientists and engineers who will lead the nation in cutting edge research. The Philadelphia Alliance takes great pride in being the launch site for talent which will have international impact in the STEM fields.



Sheila Graves, MBA
Bridge to the Doctorate Coordinator and Co-PI
Director, Drexel Center for Learning and Academic Excellence, Office of the Provost
Drexel University
Main Building, Suite 308
3141 Chestnut Street, Philadelphia, PA 19104
Phone: (215) 895.1659, clarks@drexel.edu

PhD Candidate, Drexel University: Educational Leadership & Learning Technologies, Research Area: Creativity and Pedagogy as a Heuristic for Developmental Academic Advising.
Research Interest: using technology to promote active learning environments, and developing learning strategies using affective and cognitive assessments.



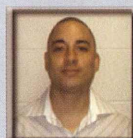
Tamika Avery
B.S., Chemical Engineering, Drexel University, 2005, Masters in Chemical Engineering.
Career goal: To develop a fuel cell technology aiding in decreasing the amount of gasoline powered processes.



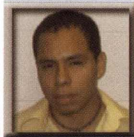
Samuel Laurencin
B.S., Chemical Engineering, Drexel University, 2005, Masters in Biochemical Engineering
Career Goals: To conduct research in tissue regeneration and targeted Drug Delivery to improve public health, and to practice medicine specializing in orthopedic surgery.



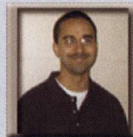
Quincy Brown
B.S., Electrical Engineering, North Carolina A&T State University, 1995, Masters in Computer Science.
Career Goals: To develop classroom games that appeal to young girls, which affect their interest in math and science at an early age.



Angel Lucena
B.S., Biological Sciences, Drexel University, 2005, Ph.D. in Biological Sciences
Career Goals: To conduct research on eukaryotic gene expression and the many mechanisms that control gene expression.



Jorge Capurro
B.S., Mechanical Engineering, Drexel University, 2005, Ph.D. in Mechanical Engineering
Career Goals: To research applications within the Micro- Electro-Mechanical Systems field and become an engineering professor and researcher.



Rafael Mulero III
B.S., Mechanical Engineering, Drexel University, 2005, Ph.D. in Mechanical Engineering
Career Goals: To attain a research and development position in the design and manufacturing field.



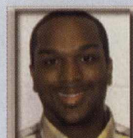
David Delaine
B.S., Electrical Engineering, Northeastern University, 2005, Ph.D. in Electrical Engineering
Career Goals: To conduct research in electro-physics and optics within the electrical engineering field.



Yolanda Williams-Bey
B.A., Biology, Cheyney University of Pennsylvania, 2004, Ph.D. in Biological Sciences
Career Goals: To do independent research on genetic changes in human diseases as well as teach at the University level.



Lenora Felder
B.A., Biology, Cheyney University of Pennsylvania, 2005, Ph.D. in Biological Sciences
Career Goals: To research obesity and its impact on the African American and other communities, as well as become a Biology professor.



Donald Williamson
B.S., Electrical Engineering, University of Delaware, 2005, Ph.D. in Mechanical Engineering
Career Goals: To work in Robotics, Systems and Control with the Department of Defense to improve and develop current military technologies.



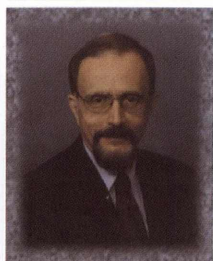
Steven Jones
B.A., Neuroscience, Temple University, 2001, Ph.D. in Neuroscience
Career Goals: To teach undergraduate and graduate level biological sciences and neurosciences while pursuing a productive career as a neuroscience researcher.



Non Yok
B.S., Electrical Engineering, Drexel University, 2005, Ph.D. in Electrical Engineering
Career Goals: To teach at the university level and conduct research in power systems.



Louis Stokes Alliance for Minority Participation



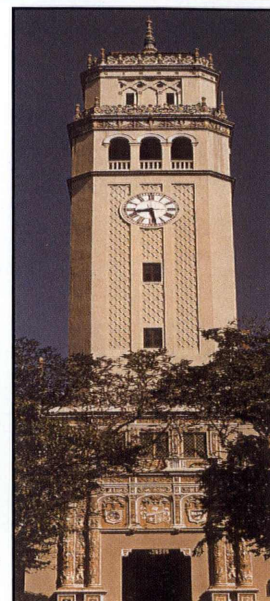
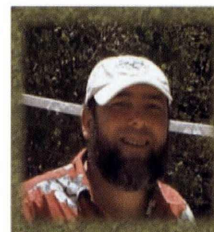
These twelve Fellows increase the total number of BDP Fellowships in Puerto Rico to thirty four: Twenty two at UPR-Río Piedras (Cohorts 1 and 3) and twelve at UPR-Mayaguez (Cohort 2). All ten Fellows from Cohort 1 are in a PhD Program and are expected to complete the degree requirements by 2007. The twelve Fellows from Cohort 2 will complete in 2006 their second year of graduate studies. There is no doubt that the Bridge-to-the-Doctorate Program is significantly contributing to the preparation of the next generation of scientists in Puerto Rico and in the US Mainland, increasing the nation's pool of well-prepared, competent scientists with diverse views". Dr. Manuel Gomez, PI

Bridge-to-the-Doctorate Coordinator

Prof. Javier Figueroa, the Assistant Coordinator of the PR-LSAMP Program is the BD Coordinator. His field of specialization is Biology and Ecology. He has conducted research in Population Biology, biogeographical distribution and systematics of the Order Odonata in neotropical environments with emphasis in the Greater Antilles.

Address:

UPR Resource Center for Science and Engineering
P.O. Box 23334; San Juan, Puerto Rico 00931-3334
Tel. (787) 765-5170, ext. 2012; FAX (787) 766-1293
E-mail: j_figueroa@prlsamp.org



The University of Puerto Rico at Río Piedras (UPR-Río Piedras) is the flagship institution of the Island's public higher education system. Located in the San Juan metropolitan area, UPR-Río Piedras enrolls almost 18,000 undergraduate students and over 3,000 graduate students. The large majority of students, 98%, are Puerto Rican; 68% are women, and 60% are first generation college students. The institution grants bachelors' degrees in 69 areas of specialization, 10 master's degrees in 43 areas of specialization and three doctoral degrees (Ph.D., J.D. and Ed.D.) in 14 areas of specialization. Although the Carnegie Foundation classifies UPR-Río Piedras as a Research Intensive University, it is positioned to become a Research Extensive University while maintaining its commitment to quality undergraduate education. Nationwide, 10% of the Hispanics who earned a Ph.D. degree in a natural science field from 1998 to 2003 attained their BS degree from UPR-Río Piedras.



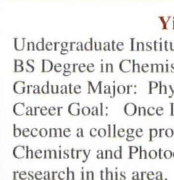
Ana V. Longo

Undergraduate Institution: UPR-Río Piedras
BS Degree in Biology (2005)
Graduate Major: Population Biology
Career Goal: Obtain my Ph.D. in Biology, become a college professor and conduct research for the conservation of our biodiversity, especially our amphibians.



Damaris Suazo

Undergraduate Institution: UPR-Humacao
BS Degree in Industrial Chemistry (2005)
Graduate Major: Analytical Chemistry
Career Goal: Obtain my Ph.D. in Analytical Chemistry, become a college professor in this field and conduct research in Electrochemistry.



Yisaira Diaz

Undergraduate Institution: UPR-Humacao
BS Degree in Chemistry(2005)
Graduate Major: Physical Chemistry
Career Goal: Once I obtain my Ph.D. I want to become a college professor in the field of Physical Chemistry and Photochemistry, and conduct research in this area.



Manuel Emeric

Undergraduate Institution: UPR-Río Piedras
BS Degree in Physics (2005)
Graduate Major: Solid State Physics
Career Goal: Obtain my Ph.D. in Physics and become a researcher in the area of Solid State Physics.



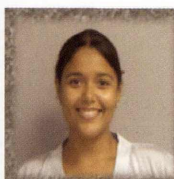
Giselle M. Flores

Undergraduate Institution: UPR-Río Piedras
BS Degree in Chemistry (2005)
Graduate Major: Biochemistry
Career Goal: Enhance my knowledge and research abilities in the area of biochemistry and biotechnology by obtaining a Ph.D. and a post-doctorate in this area.



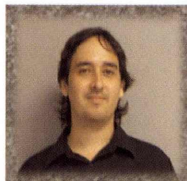
Pamela Medina

Undergraduate Institution: UPR-Río Piedras
BS Degree in Biology (2005)
Graduate Major: Biology
Career Goal: Pursue post-doctoral studies in conservation biology to directly contribute to the conservation of all species of animals, especially amphibians and reptiles.



Manuel Rivera

Undergraduate Institution: UPR-Río Piedras
BS Degree in Physics (2005)
Graduate Major: Physics
Career Goal: To conduct fundamental research in physics that will not only contribute to the existing body of knowledge but will also provide insight on areas that overlap with other disciplines.



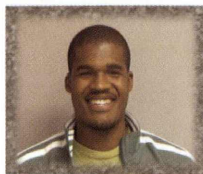
Sofia Burgos

Undergraduate Institution: UPR-Humacao
BS Degree in Marine Science (2005)
Graduate Major: Coastal Marine Biology
Career Goal: Obtain my Ph.D. And continue research on viroplankton in different streams and lakes in Puerto Rico.



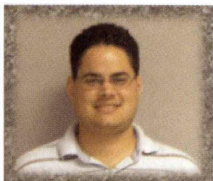
Francisco Solá

Undergraduate Institution: UPR-Río Piedras
BS Degree in Physics (2005)
Graduate Major: Solid State Physics
Career Goal: Become a Physics Professor and do research with nanoscale semiconductors and its applications.



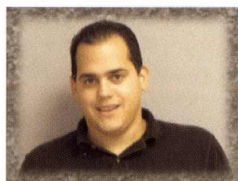
Felix Araujo

Undergraduate Institution: UPR-Río Piedras
BS Degree in Biology (2005)
Graduate Major: Molecular Evolution
Career Goal: Obtain a Ph.D. in Molecular Evolution.



Jose A. Gonzalez

Undergraduate Institution: UPR-Aguadilla
BS Degree in Biology (2005)
Graduate Major: Molecular Biology
Career Goal: To obtain a Ph.D. in Molecular Biology .



Yazmin E. Martinez

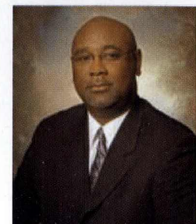
Undergraduate Institution: UPR-Río Piedras
BS Degree in Physics (2005)
Graduate Major: Physics
Career Goal: Complete a Ph.D. in meteorology and/or oceanography and collaborate in the development and implementation of an undergraduate and graduate program in earth sciences in PR.



**Texas A&M University System Louis Stokes Alliance for Minority
Participation, Bridge to the Doctorate III at
Prairie View A&M University**



Dr. Karan Watson
TAMUS LSAMP PI



Dr. Kendall T. Harris
LSAMP PVAMU
BTD Coordinator

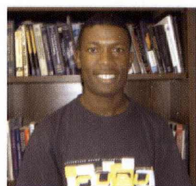
"Excellence, leadership and diversity are goals common to the Texas A&M University's (TAMU) mission, and to the Bridges to the Doctorate Program. The program makes it possible for its fellows to be active participants, rather than observers, in the community of graduate students, academics and professionals at TAMU and in their fields. By permitting fellows to dedicate themselves to their academics and research without subsistence distractions, and by elevating their status with their advisors, as a result of their selection for an NSF-funded fellowship, the program provides supports which enable and motivate persistence, degree completion, and preparation for leadership", *Dr. Karan Watson*, Associate Provost and Dean of Faculties at Texas A&M University.

Prairie View A&M University (PVAMU) is a comprehensive public institution of higher education. Part of the Texas A&M University System, it is a land-grant university authorized under the Morrill Acts of 1862 and 1890. The main campus is located in Waller County, approximately forty miles northwest of Houston, Texas and one mile north of Texas Highway 290 on University Drive (Farm Road 1098). A College of Nursing branch facility is located at 6436 Fannin Street in the Texas Medical Center in Houston, Texas.

Prairie View A&M University is the second oldest institution of higher education in the state of Texas. It had its beginnings in 1876, the first year of the Texas Constitution, of the common free school system and at the dawn of public higher education in Texas. The current president of Prairie View is Dr. George. C. Wright. He was named seventh president by the Texas A&M University System Board of Regents on July 8, 2003.

Dr. Kendall T. Harris is the PVAMU LSAMP Bridge to the Doctorate Coordinator. His research projects include porous media, electronic packaging, and HVAC Projects. His Areas of Expertise are: Heat Transfer, Thermodynamics, Experimental and Numerical Analysis, Porous Materials, Energy Efficiency, and Heating and Ventilation and Air Conditioning (HVAC).

The students who are part of the Bridge to the Doctorate Program at PVAMU are listed below:



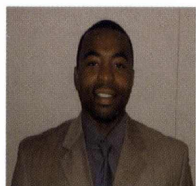
Gbenga Ajiboye
Current major in graduate school: Engineering -
Chemical
Email: agipp2002@yahoo.com
Mentor: Dr. F. Nave
Education: B.S. Chemical Engineering Lagos
State University



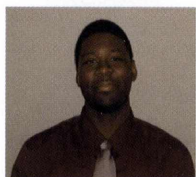
Jairus Adams
Current major in graduate school: Engineering - Civil
Email: jairus_ladonne@yahoo.com
Mentor: Dr. Perkins
Education: B.S. Civil Engineering Prairie View
A&M University



Jolsone Augustin
Current major in graduate school: Computer
Science
Email: jaugustin@umes.edu
Mentor: Dr. S. Frizell
Education: B.S. Computer Science in University
of Maryland



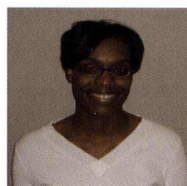
Jerrad Deason
Current major in graduate school: Engineering -
Chemical
Email: jerraddeason@hotmail.com
Mentor: Dr. Aghara
Education: B.S. Chemical Engineering Prairie
View A&M University



Marcus Goldston
Current major in graduate school: Electrical
Engineering
Email: marcusgoldston@sbcglobal.net
Mentor: Dr. Northern
Education: B.S. Electrical Engineering
Prairie View A&M University



Ebony Hawkins
Current major in graduate school: Engineering -
Mechanical
Email: e_hawkins1@yahoo.com
Mentors: Drs. Zhou/Biney
Education: B.S. Mechanical Engineering Prairie
View A&M University



Lamesha Johnson
Current major in graduate school: Math
Email: lamesha_junior@yahoo.com
Mentor: Dr. Haghighi
Education: B.S. Math
Prairie View A&M University



Dana LeDoux
Current major in graduate school: Math
Email: dana.r.ledoux@usa-spaceops.com
Mentor: Dr. Michev
Education: B.S. Math
Prairie View A&M University



Crystal G. Robinson
Current major in graduate school:
Electrical Engineering
Email: crystalg.robinson@prodigy.net
Mentor: Dr. Attia
Education: B.S. Electrical Engineering Prairie
View A&M University



Sharrone Marshall
Current major in graduate school: Engineering -
Mechanical
Email: s_lilm@yahoo.com
Mentor: Dr. Haque
Education: B.S. Mechanical Engineering Prairie
View A&M University



Richard Tate
Current major in graduate school: Electrical
Engineering
Email: rtate2005@yahoo.com
Mentor: Dr. Northern
Education: B.S. Electrical Engineering Prairie
View A&M University



Randy Wilkins
Current major in graduate school: Engineering -
Mechanical
Email: leseid200@yahoo.com
Mentors: Drs. Zhou/Lin
Education: B.S. Electrical Engineering Prairie View
A&M University

University of Texas System Bridge to the Doctorate 2005-2007



Micah Baquera, BS
Metallurgical and Materials Engineering, Spring 2005
GRADUATE MAJOR:
Metallurgical and Materials Engineering
"To become an expert in the field of Material Science"



Marcos Bolanos, BS
Electrical Engineering, Spring 2004
GRADUATE MAJOR: Electrical Engineering
"I am pursuing my Ph.D. so that I may use Biomedical Engineering to improve upon the healthcare of society"



David Echevarria-Torres, BS
Chemistry, Fall 2004
GRADUATE MAJOR: Chemistry
"Pursue a Ph.D. in Chemistry in order to be a professor and researcher"



Shalayna Lair, BS
Metallurgical and Materials Engineering, Spring 2003
GRADUATE MAJOR:
Metallurgical and Materials Engineering
"My career goal is to receive my Ph.D."



Adrian A. Mejia, BS
Microbiology, Fall 2004
GRADUATE MAJOR: Biology
"My career goal is to pursue a doctoral degree in Molecular Biology or Genetics in order to work in the biomedical field"



Milka Montes, BS
Chemistry, Fall 2004
GRADUATE MAJOR: Chemistry
"My career goals is to pursue a doctoral degree in the areas of either biochemistry or toxicology to become a faculty member at a university"



Gilbert Ornelas, BS
Computer Science, Spring 2005
GRADUATE MAJOR: Computer Science
"My goal is to become a university professor/researcher and focus on the areas of distributed computing, security and semantic web"



Pedro Santacruz, BS
Electrical Engineering, Spring 2004
GRADUATE MAJOR: Electrical Engineering
"Pursue a Ph.D. in order to join Academia as a professor"



Lynn Santiago, BS
Chemistry, Spring 2005
GRADUATE MAJOR: Chemistry
"Obtain a Ph.D. in Toxicology or Environmental Science to become a faculty member and conduct research"



Christian Servin, BS
Computer Science, Spring 2005
GRADUATE MAJOR: Computer Science, 2005
"My educational and professional goal is to earn a Ph.D. and become a professor through the pursuit of research in the areas of Computer Security Constraints and High Speed Intrusion Detectors"



Jorge Ivan Vargas, BS
Computer Science, Spring 2005
GRADUATE MAJOR: Computer Science
"My greatest academic goal is to obtain a Ph.D. degree in Computer Science in the area of computer security"



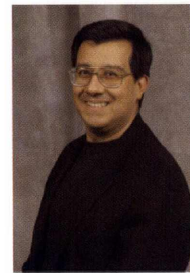
Berenice Verdin, BS
Electrical Engineering, Spring 2003
GRADUATE MAJOR: Electrical Engineering
"Pursue a Ph.D. in Electrical Engineering to expand my knowledge and teach other people"

Bridge to the Doctorate Coordinator

Ariana V. Arciero, M.P.H.
Engineering 301, 500 W. University Ave, El Paso, TX 79968
Office: (915) 747-8725, Fax: (915) 747-5243
avarcier@utep.edu

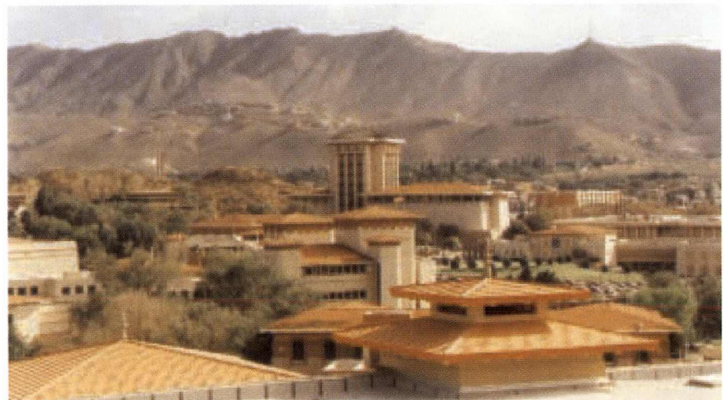


"The UT System LSAMP program is very proud to have been selected as one of the first Alliances to receive the Bridge to the Doctorate grant. The program has given us the opportunity to encourage students who might not have considered pursuing a doctoral degree. It has also given us the opportunity to experiment with novel ways to promote graduate education and to increase the efficacy of existing activities."



Benjamin Flores, PhD.
UT System LSAMP Program Director

The University of Texas at El Paso is a Carnegie Doctoral/Research Intensive University with close to 19,000 students, including over 3,000 graduate students. The university's student population is primarily Hispanic, closely mirroring the demographics of the El Paso region. The University began as the Texas School of Mines and Metallurgy, which served as a foundation for its recognized strengths in engineering and science. UT El Paso offers over 60 Master's degree programs and 15 doctoral programs, including programs in Environmental Science and Engineering, Materials Science and Engineering, Computer Science, Computer Engineering, Civil Engineering, Biology, and Geology.



University System of Maryland

Louis Stokes Alliance for Minority Participation



Dr. Freeman A. Hrabowski, III
President of the University of Maryland, Baltimore County
LSAMP Principal Investigator

The Bridge to the Doctorate (BD) Fellowship Program is an important addition to the University System of Maryland. It is helping us to open doors and expand horizons for students who otherwise might not pursue graduate education. A strong support system, including adequate funding for stipends, is key to the success of graduate students in STEM fields, and our BD Fellowship program combines these essential elements. As we train the next generation of research scientists, we look forward to the contributions that our BD Fellows will make in fields in which there traditionally has been little diversity. We are proud of our first cohort of BD Fellows who are enrolled at the University of Maryland, Baltimore County, and who have some of our top research scientists as mentors.

BRIDGE TO THE DOCTORATE FELLOWSHIP



Renetta Garrison Tull, Ph.D.
Director, PROMISE: Maryland's AGEP
Coordinator, LSAMP Bridge to the Doctorate (UMBC)
Ph.D. Speech Science (Automatic speech recognition systems)

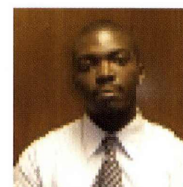
UMBC Graduate School 1000 Hilltop Circle Baltimore, MD 21250
410-455-2930 rtull@umbc.edu



Miguel Acosta
B.S. 2004 University of Puerto Rico-Mayaguez
Major: Chemical and Biochemical Engineering
Career goal: To become a premier faculty researcher .



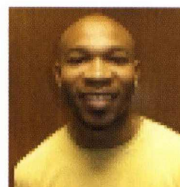
Sonnet Davis
B.S. 2005 Oakwood College
Major: Chemistry and Biochemistry
Career goal: To challenge the minds of students in the progressive field of chemistry.



Temitope Akinsade
B.S. 2005 University of Maryland, Baltimore County
Major: Information Systems
Career goal: Work on issues of Intellectual Property while being a faculty member.



Philip Dyer
B.S. 2005 University of Maryland, Baltimore County
Major: Mechanical Engineering
Career goal: Conduct research within field and one day run for President.



Huguen Jean
B.S. 2005 University of Maryland, Baltimore County
Major: Computer Engineering
Career goal: To work with a great company, and hopefully be nominated for a Nobel Prize for my research.



Brenitra Mosley
B.S. 2004 Jackson State University
Major: Electrical Engineering
Career goal: Work at the Department of Defense while conducting research in Ultrafast optics.



Bill Moss
B.S. 2001 University of Maryland, Baltimore County
Major: Chemical and Biochemical Engineering
Career goal: Work for a major enzyme company.



Jason Nappier
B.S. 2005 University of Maryland, Baltimore County
Major: Computer Science
Career goal: Work with other leaders in computer science to create products to increase quality of life.



Jameelah Roberts
B.S. 2005 University of Maryland, Baltimore County
Major: Information Systems
Career goal: Conduct research in human-computer interaction and become a teacher.

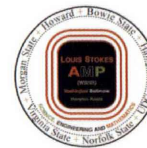


Zakar Siraj
B.S. 2004 University of California, Berkley
Major: Electrical Engineering
Career goal: Challenge the field of signal , image and video processing.

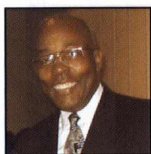


Katisha Smith
B.S. 2004 North Carolina A&T State University
Major: Mechanical Engineering
Career goal: To become a member of the biomechanics research team at NIH.

Washington Baltimore Hampton Roads- Louis Stokes Alliance for Minority Participation



The WBHR-LSAMP consists of seven partner institutions including Bowie State University, Hampton University, Howard University, Morgan State University, Norfolk University, University of the District of Columbia, and Virginia State University. The Bridge to the Doctorate (BD) Program is instrumental in helping the Alliance meet the goal of encouraging students to pursue graduate training in fields where there is still gross under-representation of minorities, and especially minority women. We anticipate that a large portion of these BD students will choose research and teaching careers in academe. Furthermore, the BD students will be able to take advantage of the current programs that encourage students to enter the professoriate.



Howard University has a faculty of 2,075 and an overall enrollment of approximately

11,000 students of which 3,600 are at graduate level. Howard University is a Research Extensive Institution and a Carnegie Level I Research Institution. Howard is one of three institutions in our Alliance that grants doctoral degrees in STEM fields. The graduate school at Howard offers Doctoral degrees in 16 STEM fields.

Clarence M. Lee, Ph. D. Biology
Co-Principal Investigator
Howard University
cmlee@howard.edu
(202) 238-2511



Richard A. English, Ph.D.
Provost and Chief Academic Officer
Principal Investigator
Howard University

BRIDGE TO THE DOCTORATE STUDENTS

ACADEMIC YEAR 2005-2006

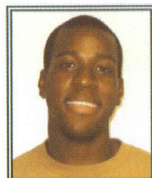


Leslie Bruton
Voorhees College
BS Biology, 2005
Graduate Major: Microbiology
Career Goal: "To conduct research and help discover a cure for a disease."

Shantelle Lucas
North Carolina State University
BS Biology, 2004
Graduate Major: Microbiology
Career Goal: "To find a vaccine to prevent the spread of HIV/AIDS."



Kira Castellon
University of Maryland- Eastern Shore
BS Biology, 2005
Graduate Major: Physiology/ Biophysics
Career Goal: "To pursue a position in academia, and guide students towards a degree in biomedical sciences."



Thomas Hardy
Howard University
BS Biology, 2004
Graduate Major: Biology
Career Goal: "I plan to use my education and imagination to earn a Nobel Prize."

Lynda Perry
Morgan State University
BS Biology, 2002
Graduate Major: Biology
Career Goal: "To improve the assisted reproductive techniques in both andrology and embryology, through research."

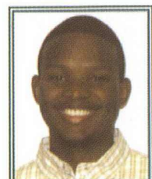


Dia Evans
Virginia State University
BS Biology, 2005
Graduate Major: Microbiology
Career Goal: "To teach and hopefully become a positive role model to future my students."

Alicia Richardson
Morgan State University
BS Mathematics, 2004
Graduate Major: Mathematics
Career Goal: "To have a career in research or cryptology."



Isabel Garcia-Ramos
University of Puerto Rico at Humacao
BS General Biology, 2005
Graduate Major: Anatomy
Career Goal: "To become an Anatomy Professor at UPRH and conduct bi-section based research."



Kendall Williams
Howard University
BS Mathematics, 2005
Graduate Major: Mathematics
Career Goal: "To be a collegiate Mathematics Professor, while volunteering as a math teacher for underprivileged children."

Roshanda Ruffin
North Carolina A&T University
BS Chemistry, 2005
Graduate Major: Chemistry
Career Goal: "To conduct health-related research studies with a national laboratory."



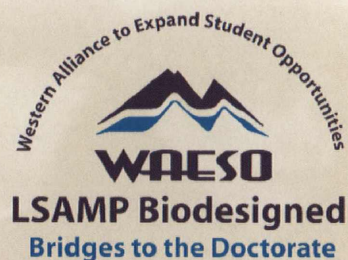
Lakishea Hawkins
North Carolina A&T University
BS Biology, 2004
Graduate Major: Genetics
Career Goal: "To bridge the gap of health disparities in the African American community through education."

Malieka Walton
University of Maryland- Eastern Shore
BS Mathematics, 2005
Graduate Major: Mathematics
Career Goal: "To be Professor at an HBCU and encourage young African Americans to pursue careers in Mathematics."



Western Alliance to Expand Student Opportunities (WAESO) Biodesigned Bridges to the Doctorate

Fellowship recipients participate in a sequence of supervised program activities under the unifying theme of **Biodesigned Bridges to the Doctorate**. Fellows take part in the *Arizona Biodesign Institute* and the *Mathematical and Theoretical Biology Institute* in addition to traditional academic departments. Academic specializations cut across disciplines and permit cutting-edge research in any of the following areas: modeling, analysis, design, and control of complex systems and processes, mathematical biology, computational mathematics, demography, ecology, environmental science, epidemiology, bio-terrorism, networks, photobiology, photochemistry, synthetic chemistry, photosynthetic systems, communications, controls, multi-objective optimization, vaccines from applied crop science, protein and peptide pharmaceuticals, biooptical nanotechnology, single molecule biophysics, applied nanobioscience, neural interface and brain control, rehabilitation neuroscience and rehabilitation engineering, evolutionary functional genomics, and distributed computation.



Program activities are designed to assist students in developing the research and related skills necessary for successful doctoral study while completing a Master of Science degree with thesis. All fellows participate as a cohort in the following program activities: 1. Research Class. 2. Research Seminars. 3. Research Presentations. 4. Professional Conferences. 5. Professional Organizations. 6. Mentoring of Undergraduates. 7. Visits to High Schools. 8. Assessment and Mentoring.

We in the Western Alliance to Expand Student Opportunities (WAESO), are thrilled to participate in three LSAMP Bridges to the Doctorate cohorts thus far. All of the bridged LSAMP students share the vision of breaking disciplinary boundaries by working closely with collaborative teams of mathematicians, physicists, biologists, engineers, chemists, and biomedical researchers. In turn, the research team leaders are pleased to be able to recruit talented and energetic LSAMP graduates who have been encouraged and nurtured by our exemplary faculty mentors within our alliance. On behalf of my WAESO colleagues, I applaud the National Science Foundation's efforts in once again supporting bridges to help meet the nation's critical need in the science and technology workforce.



Dr. Antonio A. García



Dr. Carlos Castillo – Chávez



Dr. Ana Moore



Dr. Ferran Garcia-Pichel

WAESO Principal Investigator/Project Director: Dr. Antonio A. García, Professor, Harrington Department of Bioengineering, Ira A. Fulton School of Engineering, Arizona State University. *Research Area:* Bionanotechnology. *Doctoral Degree:* Chemical Engineering.

Bridge to the Doctorate Co-Coordinators: Dr. Carlos Castillo-Chávez, Joaquín Bustoz Jr. Professor of Mathematical Biology and Director of the Mathematical and Theoretical Biology Institute, Department of Mathematics and Statistics, Arizona State University. *Research Area:* Mathematical, Theoretical, and Computational Epidemiology. *Doctoral Degree:* Applied Mathematics. Dr. Ana Moore, Professor, Department of Chemistry and Biochemistry, Arizona State University. *Research Area:* Photochemistry. *Doctoral Degree:* Chemistry. Dr. Ferran Garcia-Pichel, Associate Professor, Faculty of Ecology, Evolution and Environmental Science & Faculty of Genomics, Evolution and Bioinformatics, School of Life Sciences, Arizona State University. *Research Area:* Geomicrobiology. *Doctoral Degree:* Biology.



1.



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9.



10.



11.



12.

1.) **NAME:** Asela Acosta; **Undergraduate Degree:** B.A.; **Undergraduate Major:** Mathematics; **Institution:** Texas A&M International University; **Year of Degree:** 2005; **Graduate School Major:** Mathematics; **Career Goal:** Professor or Higher Ed. Administration 2.) **Kamal Barley;** B.S.; Mathematical Science; CUNY-Medgar Evers College; 2005; Mathematics; Professor/Researcher 3.) **Blanca E. Caballero;** B.S.; Biology, Premed; Arizona State University; 2005; Molecular and Cellular Biology; Professor/Researcher 4.) **Mark A. Carty;** B.A.; Mathematics; CUNY-City College of New York; 2005; Mathematics; Professor/Researcher 5.) **Jesus A. Duarte;** B.A.; Mathematics; Arizona State University; 2005; Mathematics; Professor/Researcher 6.) **Brenda Flores;** B.S.; Biology and Society; Arizona State University; 2005; Biology; Ph.D. in Public Health 7.) **Edgardo L. Ramirez Reinat;** B.S.; Microbiology; Universidad de Puerto Rico, Humacao; 2003; Microbiology; Ph.D. in Microbiology 8.) **Roxanne C. Rios;** B.S.; Plant Biology; Arizona State University; 2005; Plant Biology; Professor/Researcher 9.) **Danielle E. Robbins;** B.S.; Applied Mathematics; University of Maryland, Baltimore County; 2005; Mathematics; Professor/Researcher 10.) **Daniel M. Romero;** B.S.; Mathematics; Arizona State University; 2005; Mathematics; Professor/Researcher 11.) **Terannie Vázquez-Alvarez;** B.S.; Chemistry; Universidad Metropolitana, Cupey; 2003; Chemistry; Ph.D. in Chemistry 12.) **Jerrald Willis;** B.S.; Electrical Engineering; Wright State University; 2004; Electrical Engineering; Entrepreneur-Work with inner city youth

Bridge to the Doctorate Cohort II Students

Alabama – University of Alabama in Huntsville

Isa J. Alexander, B.S., Animal Science, Alabama A & M University, 2002, Biological Sciences
Birvid D. Atkins-Warner, B.S., Computer Science, Stillman College, 1998, Computer Science
Michael D. Francis, B.S., Mechanical Engineering, University of Alabama in Huntsville, 2004, Mechanical Engineering
Pierce J. Gibbs B.S., B.S., Chemistry, Florida A&M University, 2001, Biological Sciences
Kimberly A. Green, B.S., Biological Sciences, University of Alabama in Huntsville, 2002, Biological Sciences
Christopher D. Harris, B.S., Physics, Tougaloo University, 2004, Mechanical Engineering
Victor M. Harris, B.S., Biology, Langston University, 2004, Biological Sciences
Khalid W. Holmes, B.S., Biology, Alabama State University, 2004, Biological Sciences
Veronica M. Hunter, B.S., Computer Science, University of Alabama, 2004, Computer Science
Melody Y. Jackson, B.S., Mathematics, Alabama State University, 2004, Mathematics
Justin M. Kelly, B.S., Computer Science, Oakwood College, 2004, Computer Science
John W. Martin, III, B.S., Mechanical Engineering, Alabama A & M University, 2004, Aerospace Engineering
Eileen Rojas, B.S., Chemical Engineering, University of Alabama in Huntsville, 2004, Chemical Engineering
Ambrey Watkins, B.S., Electrical and Computer Engineering, University of Alabama in Huntsville, 2002, Electrical and Computer Engineering
Tameka M. Walker, B.S., Chemistry, Alabama State University, 2004, Chemistry

California LSAMP – University of California Irvine

Lamar Blackwell, B.S., Biochemistry, California State University-Fullerton, 1999, Biology
Rene Bravo, B.A., Chemistry, Pt. Loma Nazarene, 2004, Chemistry
Mamadou Diallo, B.S., Computer Science, University of California-Irvine, 2004, Computer Science
Philip Garcia, B.S., Mechanical Engineering, University of California-Irvine, 2004, Mechanical Engineering
Jaquan Horton, B.S., Biology, University of Massachusetts Amherst, 2003, Ecology & Evolutionary Biology
Jesse Pompa, B.S., Mechanical Engineering, University of California-Irvine, 2004, Mechanical Engineering
Melissa Prado, B.S., Chemistry, University of California-Irvine, 2004, Physical Chemistry
Luis Rodriguez, B.S., Mechanical Engineering, University of California-San Diego, 2001, Mechanical Engineering
Kimberly Romero, B.S., Biology, University of California-Irvine, 2003, Biology
Jose Romero-Mariona, B.S., Computer Science, University of California-Irvine, 2004, Computer Science
Denise Ullery, B.S., Computer Engineering, University of California-Irvine, 2002, Electrical Engineering
Mavee Witherspoon, B.S., Biology, California State University-Fullerton, 1999, Biology

California State University LSAMP – California State University Los Angeles

Danielle Castellanos, B.S., Electrical Engineering, CSULA, 2004, Electrical Engineering
Patricia Castillo, B.S., Biology, San Diego State, 2004, Biology
Albert Cervantes, B.S., Computer Engineering, UCI, 2004, Computer Engineering

Joseph Gomez, B.S., Electrical Engineering, UCSB, 2004, Electrical Engineering
Aidee Gonzalez, B.S., Chemistry, UCSB, 2005, Chemistry
Jesus Gutierrez, B.S., Applied Mathematics, UCLA, 2004, Mathematics
Latrice House, B.S., Computer Science, Texas Southern University, 2004, Computer Science
Angelica Iniguez, B.S., Biology,, CSULA, 2002, Biology
Henry Paul Martinez, B.S., Chemistry, CSULA, 2002, Chemistry
Noe Ramos, B.S., Natural Science, CSULA, 2005, Geology
Valerie Rodriguez, B.S., Marine Biology, UCLA, 2004, Biology
Exequiel Tostado, B.S., Chemistry, UCI, 2004, Chemistry

Florida/Georgia LSAMP – University of South Florida

Kathryn Bailey, B.S., Biology, Albany State University, 2004, Biological Oceanography
Quenton Bonds, B.S., Mathematics, Alabama State University, 2001, Electrical Engineering
Dayling Charparro, B.S., Chemical Engineering, University of South Florida, 2004, Chemical Engineering
Juan Cruz, B.S., Mechanical Engineering, University of South Florida, 2002, Mechanical Engineering
Camille Daniels, B.S., Biology, Louisiana State University, 2001, Biological Oceanography
Eddy Flores, B.S., Biology, University of Central Florida, 2001, Biological Oceanography
Joniqua Howard, B.S., Computer Engineering, Hampton University, 2004, Environmental Engineering
Warner Ithier, B.S., Biology, Inter-American University, Puerto Rico, 1998, Chemical Oceanography
Marietta Mayo, B.S., Environmental Science, University of South Florida, 2001, Chemical Oceanography
Erlande Omisca, B.S., Environmental Science, University of South Florida, 2002, Environmental Engineering
Tony Price, B.S., Electrical Engineering, Clark Atlanta University, 2004, Electrical Engineering
Inia Soto, B.S., Biology, University of Puerto Rico, Mayaguez, 2004, Biological Oceanography

Illinois LSAMP - Southern Illinois University Carbondale

Robyn Alexander, B.S., Chemistry, Chicago State University, 2003 , Analytical Chemistry
Gretchen Flohr, B.S., Conservation Biology, San Jose State University, 1996, Zoology
Juan Garcilazo, B.S., Civil Engineering, Southern Illinois University, 2002, Civil Engineering
Melique Hoover, B.S., Electrical Engineering, Southern Illinois University, 2004, Physics
Renee Lopez-Smith, B.S., Plant Biology, Southern Illinois University, 2004, Plant Biology
Cortez McBerry, B.S., Microbiology, Southern Illinois University, 2005, Microbiology
Narcrisha Norman, B.S., Mechanical Engineering, Southern Illinois University, 2004, Mechanical Engineering
Yoana Rosales, B.S., Environmental Biology, Chicago State University, 2004, Environmental Resources & Policy
Kara Scott, B.S., Physics, Chicago State University, 2003, Geography & Environmental Resources
John Shell, B.S., Electrical Engineering, Southern Illinois University, 2002, Electrical Engineering
Michael Simelton, B.S., Industrial Technology, Southeast Missouri University, 2005, Manufacturing Systems/
Technology
Anthony Stevens, B.S., Geology, Southern Illinois University, 2005, Geology

Mississippi LSAMP – Jackson State University

Erika Brown, B.S., Biology, Jackson State University, 2004, Molecular Toxicology
Angela Fortner, B.S., Chemistry, Jackson State University, 2004, Physical Chemistry
Jelani Griffin, B.S., Chemistry, Jackson State University, 2004, Physical Chemistry
Lenore Hicks, B.S., Chemistry, Jackson State University, 2004, Organic Chemistry
Alvin Holton, B.S., Computer Engineering, Jackson State University, 2004, Computer Engineering
Syreeta Knight, B.S., Computer Science, Mississippi Valley State University, 2004, Computer Science
Sharee Laster, B.S., Computer Engineering, Jackson State University, 2004, Engineering
Caronda Moore, B.S., Biology, Jackson State University, 2004, Cellular and Developmental Biology
Crystal Nevels, B.S., Computer Science, Tougaloo College, 2004, Computer Science
Shaneka Simmons, B.S., Biology, Jackson State University, 2002, Microbiology
Patrina Thompson, B.S., Chemistry, Alcorn State University, 2004, Computational Chemistry
Jonathan Watkins, B.S., Environmental Science, Jackson State University, 2004, Environmental Science

New Mexico LSAMP – New Mexico State University

Rodrigo A. Alvarado, B.S., Physics, New Mexico State University, 2004, Educational Physics
Jose L. Banuelos, B.S., Physics, New Mexico State University, 2004, Physics
Daniel Candelaria, B.S., Chemical Engineering, New Mexico State University, 2005, Chemical Engineering
Vanol F. Francois, B.S., Mechanical Engineering, University of Texas – El Paso, 2002, Physics/Mechanical Engineering
Sarah V. Gibson, B.S., Chemistry, New Mexico State University, 2004, Chemistry
Kasie D. Jones, B.S., Biology, Howard University-Philadelphia, 2004, Soil Sciences
Gloria Y. Martinez, B.S., Chemistry/Biology, New Mexico State University, 2002, Chemistry
Ismael Nieto, B.S., Chemistry, University of Texas – El Paso, 2002, Chemistry
Iris R. Royal, B.A., Mathematics, University of the Incarnate Word - San Antonio, 2004, Mathematics
Antonio M. Serna, B.S., Geology, New Mexico State University, 2003, Geology
Yvonne R. Torres, B.S., Physics, New Mexico State University, 2005, Physics
Michelle Villa, B.S., Engineering Technology, New Mexico State University, 2005, Electrical Engineering
Lyle S. Young, B.S., Chemical Engineering, New Mexico State University, 2005, Chemical Engineering



New Mexico Cohort III Students

New York City – City University of New York

Richard Able, B.S., Biology/Chemistry, City College, 2004, Biochemistry
Luis Bravo, B.E., Mechanical Engineering, City College, 2005, Mechanical Engineering
Joann Caban, B.S., Biology, Lehman College, 2005, Biology
Jonathan Cardenas, B.E., Electrical Engineering, City College, 2004, Electrical Engineering
Brent Lee Shue Ling, B.E., Civil Engineering, City College, 2005, Civil Engineering
Evelyn Mark, B.E., Electrical Engineering, City College, 2004, Electrical Engineering
Jean Pierre Njante, B.E., Mechanical Engineering, City College, 2005, Mechanical Engineering
Oluwatosin Ogunwuyi, B.E., Electrical Engineering, City College, 2004, Electrical Engineering
Ivan Ramirez, B.A., Environmental Science, Hunter College, 2005, Environmental Science
Pedro Rojas, B.T., Electrical Technology, City College, 2004, Electrical Engineering
Jennifer Ross, B.A., Anthropology, Lehman College, 2004, Anthropology
Rubens Sylvain, B.S., Mathematics, Medgar Evers College, 2005, Mathematics
Adriana Vela, B.S., Biochemistry, College of Staten Island, 2005, Biochemistry
Clara Nieto-Wire, B.E., Electrical Engineering, City College, 2005, Electrical Engineering
Karla Wyatt, B.E., Electrical Engineering, City College, 2004, Biomedical Engineering

North Carolina LSAMP - University of North Carolina Charlotte

Husniyah Abdus-Salaam, B.S., Electrical Engineering, NC A&T State University, 2004, Engineering Management
Tanina Bradley, B.S., Engineering Physics, NC A&T State University, 2004, Electrical Engineering
Charia Dillard, B.S., Mechanical Engineering, University of NC at Charlotte, 2003, Engineering Management
Robie Goins, B.S., Civil Engineering, University of NC at Charlotte, 2004, Civil Engineering
Patrick Harris, B.S., Electrical Engineering, University of Nevada, Las Vegas, 1999, Applied Mathematics
Nakidra Haynes, B.S., Computer Science, Winston-Salem State University, 2004, Computer Science
Jerry Heath, B.S., Chemistry, NC A&T State University, 2004, Chemistry
Kelly Heredia, B.S., Chemistry, South Carolina State University, 2004, Chemistry
Kendra Johnson, B.S., Computer Science, University of NC at Charlotte, 2002, Information Technology
Rigoberto Nova-Matute, B.S., Mechanical Engineering, University of NC at Charlotte, 2002, Mechanical Engineering
Renard Spratling, B.S., Computer Science, NC A&T State University, 2004, Information Technology
Rachel Wolff, B.S., Physics, University of NC at Charlotte, 2004, Applied Physics

Oklahoma LSAMP – Oklahoma State University

Dominic Barrett, B.S., Fisheries/Wildlife Conservation, Southeastern, 2004, Fisheries/Wildlife Ecology
Brett Cowan, B.S., Civil Engineering, Oklahoma State, 1999, Civil Engineering
Cara Cowan, B.S., Mech. Engineering, Oklahoma State, 1997, Biosy. Engineering
Marty Heppler, B.S., Entomology/Plant Pathology, Oklahoma State, 2004, Entomol/Plant Pathology
Jacob Manjarrez, B.S., Microbiology, Oklahoma State, 2002, Biochemistry
Thomas Patten, B.S., Mech. Engineering, Oklahoma State, 2002, Electrical Engineering

Lila Peal, B.S., Biological Science, Langston University, 2004, Biochemistry
Loretta Rush, B.S., Biological Science, East Central, 2003, Plant Pathology
Nicole Singleton, B.S., Animal Science, Langston University, 2004, Physiological Sci.
Adrian Sherman, B.S., Nat. Resource Mgt., Langston University, 2005, Biosy. Engineering
Brek Wilkins, B.S., Microbiology, Oklahoma State, 2004, Biomedical Sci.
Cristee Wright, B.S., Biological Science, Southern University, 1999, Microbiology

Philadelphia LSAMP - New Jersey Institute of Technology

Olusola O. Abitogun, B.S., Biomedical Engineering, New Jersey Institute of Technology, 2004, Pharmaceutical Engineering
Kingsley Asam-Dankwah, B.S., Biomedical Engineering, New Jersey Institute of Technology, 2004, Pharmaceutical Engineering
Shivon Samantha Boodhoo, B.S., Industrial Engineering, New Jersey Institute of Technology, 2004, Engineering Management
Marlena Brown, B.S., Biomedical Engineering, New Jersey Institute of Technology, 2004, Pharmaceutical Engineering
Immanuel Comer, B.S., Computer Science, Drexel University, Left NJIT July 1, 2005, due to medical/personal reasons. 2004, Computer Science
Jennifer Dorn, B.S., Computer Science and Mathematics, New Jersey Institute of Technology, 2004, Engineering Management
Christopher Elvin, B.S., Biomedical Engineering, New Jersey Institute of Technology, 2004, Biomedical Engineering and Pharmaceutical Engineering
Boyenoh Gaye, B.S., Biotechnology, Delaware State University, 2004, Pharmaceutical Engineering
Kens Josias, B.S., Chemical Engineering, New Jersey Institute of Technology, 2004, Chemical Engineering
Edward J. Musa, Jr., B.S., Computer Engineering, New Jersey Institute of Technology, 2004, Computer Engineering
Erika Rivera, B.S., Chemical Engineering, New Jersey Institute of Technology, 2004, Chemical Engineering
Angella Royer, B.A., Information Systems, Rutgers University, 2004, Information Systems

Puerto Rico LSAMP - University of Puerto Rico (UPR)-Mayagüez

Olga Abreu, B.S., Biology, UPR-Mayaguez, 2004, Marine Sciences
Deborah Acevedo, B.S., Chemistry, UPR-Mayaguez, 2004, Chemistry
Lourdes Cabello, B.S., Chemistry, PCUPR, 2005, Chemistry
Madalis Casiano, B.S., Chemistry, PCUPR, 2005, Chemistry
Yashira Estrada, B.S., Biology, UPR-Mayaguez, 2004, Marine Sciences
Luis González, B.S., Civil Engineering, UPR-Mayaguez, 2004, Structural Engineering
Miguel González, B.S., Chemistry, UIA-Arecibo, 2004, Chemistry
Laura Granell, B.S., Chemistry, UPR-Mayaguez, 2004, Chemistry
Yaritza Maldonado, B.S., Marine Biology, UPR-Mayaguez, 2004, Biological Oceanography
Yeira Padilla, B.S., Chemical Eng., UPR-Mayaguez, 2003, Chemical Engineering
Luis A. Rodríguez, B.S., Civil Engineering, UPR-Mayaguez, 2004, Geotechnical Engineering
Priscila Santiago, B.S., Chemistry, PCUPR, 2004, Chemistry



Puerto Rico Cohort III Students

TAMUS LSAMP - Texas A&M University College Station

- Lindsay Brit, B.S., Agricultural Engineering, Texas A&M University, 2004, Biological and Agricultural Engineering
 Vanessa Chapa, B.S., Chemistry, Texas A&M University, 2004, Analytical Chemistry
 Aldo Gardea, B.S., Entomology, Texas A&M University, 2004, Entomology
 Varrian Hall, B.S., Electrical Engineering, Mississippi State University, 1994, Computer Science
 Takesha Henderson, B.S., Entomology, Texas A&M University, 2004, Entomology
 Alfredo Hernandez, B.S., Biology, University of Texas-Pan American, 2004, Biochemistry
 Shantel Higgins, B.S., Electrical Engineering, Vanderbilt University, 2004, Electrical Engineering
 Myra Mendez, B.S., Industrial Engineering, University of Puerto Rico - Mayaguez, 1987, Industrial Engineering
 Jennifer Owens, B.S., Mathematics, University of Texas-Austin, 2004, Mathematics
 Kimberly Paulhill, B.S., Nutritional Science, Texas A&M University, 2002, Nutritional Science
 Javier Ramirez III, B.S., Animal Science, Texas A&M-Kingsville, 2004, Agriculture
 Dominique Watts, B.S., Agri.Wildlife Science, New Mexico State University, 2004, Wildlife Science

University of Texas System - University of Texas-Pan American

- Giselli Alvarez, B.S., Mechanical Engineering/Physics, University of Texas-Pan American, 2004, Mechanical Engineering
 Stephanie Baker, B.S., Mathematics, University of Texas-Brownsville, 2004, Mathematics
 Erica Escobedo, B.S., Biology, University of Texas-Pan American, 2004, Biology
 Rosa E. Gutierrez, B.S., Mathematics, University of Texas-Pan American, 2004, Mathematics
 Cyril Harris, B.S., Computer Science, University of Houston-Downtown, 2004, Computer Science
 Rhianna Hughes, B.S., Biology, University of Texas-Pan American, 2004, Biology
 Nadia Kasem, B.S., Applied Mathematics, University of Houston-Downtown, 2002, Mathematics
 Obadiah Kegege, B.S., Electrical Engineering, University of Houston-Downtown, 2002, Electrical Engineering
 Eugenie Hanul Kim, B.S., Mathematics, University of Texas-Brownsville, 2004, Mathematics
 Maricela Lizcano, B.S., Mechanical Engineering/Physics, University of Texas-Pan American, 2004, Mechanical Engineering
 Kelly M. Wroblewski, B.S., Applied Mathematics, University of Houston-Downtown, 2002, Mathematics
 Michelle J. Zamarron, B.S., Biology, University of Texas-Pan American, 2003, Biology

Washington Baltimore Hampton Roads – Howard University

Arleya Ashburn, B.S., Electrical Engineering, Howard University, 2004, Mathematics

Micah Ballton, B.S., Physics, Spelman College, 2004, Physics

Pierrot Chery, B.S., Computer Science/Mathematics, Bowie State University, 2004, Computer Science

Sandra Dillahunt, B.S., Biological Sciences, Winston Salem State University, 2003, Microbiology

Toye Doggett, B.S., Biological Sciences, Hampton University, 2001, Physiology

Melissa Fletcher, B.S., Chemistry, Howard University, 2004, Chemistry

Kourtney Fulton, B.S., Mathematics, South Carolina State University, 2004, Mathematics

Stacey Gunn, B.S., Biological Sciences, Bowie State University, 2001, Pharmacology

Maya Holcombe, B.S., Biological Sciences, Voorhees College, 2004, Anatomy

Durrell Jones, B.S., Mathematics, University of Maryland Eastern-Shore, 2004, Mathematics

Adana Llanos, B.S., Biological Sciences, Howard University, 2004, Genetics

April McLaughlin, B.S., Biological Sciences, University North Carolina at Chapel Hill, 2003, Genetics

Jocelyn Myers, B.S., Biological Sciences, Johnson C. Smith University, 2003, Biology

Western Alliance to Expand Student Opportunities - Arizona State University

Daniel Aguiar, B.S.E., Electrical Engineering, Arizona State University, 2005, Electrical Engineering

Daniel Cartagena, B.S., Electrical Engineering, Arizona State University, 1997, Electrical Engineering

Arlene Evangelista, B.S., Mathematics, Arizona State University, 2001, Mathematics

Kevin Flores, B.S., Creative Studies-Mathematics, University of California-Santa Barbara, 2005, Mathematics

Miguel Garcia, B.S.E., Electrical Engineering, Arizona State University, 2005, Electrical Engineering

Chad Gonzales, B.S., Mathematics/Chemistry, Colorado State University-Pueblo, 2004, Mathematics

Umar Lyles, B.S.E., Electrical Engineering, Arizona State University, 2004, Electrical Engineering

David Murillo, B.S., Mechanical Engineering, Cornell University, 2001, Mathematics and Statistics

Richard Ormeno, B.S.E., Electrical Engineering, Arizona State University, 2005, Electrical Engineering

Angela Ortiz, B.S., Applied Mathematics and Computer Science, Universidad Metropolitana, Cupey, 2003, Statistics

David Segura, B.S., Mathematics, Arizona State University, 2003, Statistics

Alicia Urdapilleta, B.A., Mathematics, Mills College, 2003, Mathematics

Current Status of Cohort I BD Students

Alabama LSAMP

Doctoral Students

<i>Name</i>	<i>Doctoral Major</i>	<i>Institution</i>	<i>City, State</i>
1. Angela Bell	Chemistry	Auburn University	Auburn, AL
2. Carma Cook	Chemistry	Auburn University	Auburn, AL
3. Nicole Harris	Engineering	Auburn University	Auburn, AL
4. Kimberly Kendricks	Mathematics	Auburn University	Auburn, AL
5. Carl Pettis	Mathematics	Auburn University	Auburn, AL
6. Charmaine Porter	Life Sciences	University of North Carolina	Chapel Hill, NC

Other Students

<i>Name</i>	<i>Current Position</i>	<i>Organization</i>	<i>City, State</i>
1. Iris Hill*	Intern	Recycling Company	Atlanta, GA
2. Sonya Savage	Graduate student	TBA –changing majors	
3. Michelle Williams	Voice Interface Designer	Convergys	Reston, VA
4. Angela Peterson	Teacher	Montgomery Schools	Montgomery, AL



Alabama Cohort III Students

University of California LSAMP

Doctoral Students

<i>Name</i>	<i>Doctoral Major</i>	<i>Institution</i>	<i>City, State</i>
1. Karla Coti	Chemistry & Biochemistry	University of California-Los Angeles	Los Angeles, CA
2. Kimberly Cross	Chemical Engineering	University of California-Los Angeles	Los Angeles, CA
3. Stephen Estes	Ecology & Evolutionary Biology	University of California-Los Angeles	Los Angeles, CA
4. David Galvan	Geophysics & Space Physics	University of California-Los Angeles	Los Angeles, CA
5. Karina Heredia	Chemistry & Biochemistry	University of California-Los Angeles	Los Angeles, CA
6. Miguel Jimenez	Chemistry & Biochemistry	University of California-Los Angeles	Los Angeles, CA
7. Dennis Montoya	Microbiology/Immunology	University of California-Los Angeles	Los Angeles, CA
8. Odi Osonki	Chemistry & Biochemistry	University of California-Los Angeles	Los Angeles, CA
9. Jesse Zamudio	Microbiology/Immunology	University of California-Los Angeles	Los Angeles, CA

California State University LSAMP

Doctoral Students

<i>Name</i>	<i>Doctoral Major</i>	<i>Institution</i>	<i>City, State</i>
1. Marilyn Asuncion-Uchi	Cancer Epidemiology	University of California,	Davis, CA
2. Noe Gomez	Molecular Biology	Northwestern University	Evanston, IL
3. Christina Harris	Molecular Biology	Tulane University	New Orleans, LA
4. Regina Lagman	Cancer Epidemiology	University of California	Davis, CA
5. Juan Mendoza	Biophysics	University of Texas	Dallas, TX
6. Lisseth Villareal	Electrical Engineering	University of California	Davis, CA
7. Cornell Wells	Physiology	Stanford University	Stanford, CA

Other Students

<i>Name</i>	<i>Current Position</i>	<i>Organization</i>	<i>City, State</i>
1. Claudia Aguilar	M.S. Physiology	San Francisco State University	San Francisco, CA
2. Nicole Coleman	M.S. Chemistry	San Francisco State University	San Francisco, CA
3. Danielle Augustin	M.S. Microbiology	San Francisco State University	San Francisco, CA
4. Tunde Adefioye	M.S. Biochemistry	San Francisco State University	San Francisco, CA
5. Renaldo Blocker	M.S. Computer Science	San Francisco State University	San Francisco, CA
6. Rafael Fernandez	M.S. Biology	San Francisco State University	San Francisco, CA
7. Candice Price	M.A. Mathematics	San Francisco State University	San Francisco, CA
8. TaiJuana Sylvester	M.S. Biology	San Francisco State University	San Francisco, CA

Florida-Georgia LSAMP

Doctoral Students

<i>Name</i>	<i>Doctoral Major</i>	<i>Institution</i>	<i>City, State</i>
1. Charmaine O'Brien	Biochemistry	Meharry University	Nashville, TN
2. Marcus Boone	Analytical Chemistry	Florida State University	Tallahassee, FL
3. Fanisha Wynne	Unknown	Florida State University	Tallahassee, FL

Other Students

<i>Name</i>	<i>Current Position</i>	<i>Organization</i>	<i>City, State</i>
1. Rojae Charity	Employee	Lockheed Martin	Dallas, TX
2. Joshua DeLeon	Math Teacher	Broward Co. Schools	Ft. Lauderdale FL
3. Sharon Escoriaza	Staff Engineer	NJ Meadowlands	NJ
4. Dana Gardner	Graduated-Spring 05	Unknown	Tallahassee, FL
5. Erin Harrel	3rd Year M.S.	Florida State University	Tallahassee, FL
6. Raymond Loiseau	2nd Year M.S.	Florida State University	Tallahassee, FL
7. Yoshino Woodard	Graduated Summer 05	Unknown	Unknown

Mississippi LSAMP

Doctoral Students

<i>Name</i>	<i>Doctoral Major</i>	<i>Institution</i>	<i>City, State</i>
1. Najealicka Armstrong	Biochemistry	Howard University	Washington, D.C.

2. Charity Mosley	Chemical Toxicology	Jackson State University	Jackson, MS
3. Eric McClendon	Organic Chemistry	Jackson State University	Jackson, MS
4. Brian Napolion	Computational Chemistry	Jackson State University	Jackson, MS
5. Kylie Nash	Computer Science	Mississippi State University	Starkville, MS
6. Mekel Richardson	Molecular Biology	University of Tennessee Health Center	Memphis, TN
7. Tomekia Simeon	Computational Chemistry	Jackson State University	Jackson, MS
8. Isi Tolliver	Molecular Biology	Vanderbilt University	Nashville, TN
9. Cornelius Toole	Computer Science	Louisiana State University	Baton Rouge, LA
10. Tyisha Traylor	Neuro-pharmacology	Albany Medical College	Albany, NY

New Mexico LSAMP

Doctoral Students

<i>Name</i>	<i>Doctoral Major</i>	<i>Institution</i>	<i>City, State</i>
1. Ryan Christopher	Electrical Engineering	Ohio State University	Athens, OH
2. Zachary Hendren	Environmental Engineering	Rice University	Houston, TX
3. Jimmy Moreno	Civil Engineering	New Mexico State University	Las Cruces, NM
4. Ruben Ortega	Electrical Engineering	Ohio State University	Athens, OH
5. Danielle Sanchez	Chemical Engineering	Arizona State University	Tempe, AR

Other Students

<i>Name</i>	<i>Current Position</i>	<i>Organization</i>	<i>City, State</i>
1. Angela Chacon	Thesis Defense 12/05	New Mexico State University	Las Cruces, NM
2. Thomas Dodge	Thesis Defense 10/05	New Mexico State University	Las Cruces, NM
3. Frank Jurado	Thesis Defense 12/05	New Mexico State University	Las Cruces, NM
4. Albert Moncada	Thesis Defense 10/05	New Mexico State University	Las Cruces, NM
5. Rajesh Daniel Nayer	Thesis Defense 12/05	New Mexico State University	Las Cruces, NM
6. Sergio Pizarro	Thesis Defense 12/05	New Mexico State University	Las Cruces, NM

New York City LSAMP

Doctoral Students

<i>Name</i>	<i>Doctoral Major</i>	<i>Institution</i>	<i>City, State</i>
1. Fouad Nasraddine	Civil Engineering	Colorado State University	Fort Collins, CO
2. Nathan Hosannah	Mechanical Engineering	CUNY Graduate Center,	New York, NY
3. Jorge Peche	Electrical Engineering	CUNY Graduate Center	New York, NY
4. Angel Calle	Electrical Engineering	CUNY Graduate Center	New York, NY
5. Lori Collins	Computer Science	CUNY Graduate Center	New York, NY
6. Terry Cook	Computer Science	CUNY Graduate Center	New York, NY
7. Leah Pride	Biochemistry	CUNY Graduate Center	New York, NY
8. Mark Carpenay	Computer Science	New Jersey Institute of Technology	Newark, NJ
9. Sandra Tinta	Computer Science	SUNY Stony Brook	Stony Brook, NY

Other Students

<i>Name</i>	<i>Current Position</i>	<i>Organization</i>	<i>City, State</i>
1. Eva Atia	Relocated to Ohio	University in Ohio, Fall 2006 NA	Cleveland, OH
2. Amarachi Ikwuagwu	Doctoral Study Delayed	Unknown	New York, NY

North Carolina LSAMP

Doctoral Students

<i>Name</i>	<i>Doctoral Major</i>	<i>Institution</i>	<i>City, State</i>
1. Al-Aakhir Grimes	Electrical Engineering	University of South Florida	St. Petersburg, FL
2. Alaina Jones	Mechanical Engineering	Texas A&M University	College Station, TX
3. Kenneth Jones	Electrical Engineering	North Carolina A&T State University	Greensboro, NC
4. John Shelton	Mechanical Engineering	North Carolina A&T State University	Greensboro, NC

Other Students

<i>Name</i>	<i>Current Position</i>	<i>Organization</i>	<i>City, State</i>
1. Carlton Chiles	Operations Engineer	Lockheed Martin Corporation	Minneapolis, MN
2. Jeffery Jenkins		J.E. Dunn Construction	Kansas City, KS
3. Teberih Kiflay	Engineer	Raytheon Corporation	Los Angeles, CA
4. Bianca Richardson	Estimator	Bourgeois and Associates	New Orleans, LA
5. Latoya Spells	Engineer	Northrup-Gruman Corporation	Baltimore, MD
6. Levell Spencer	Manager Trainee	Caterpillar Corporation	Oxford, MS

Philadelphia LSAMP

Doctoral Students

<i>Name</i>	<i>Current Position</i>	<i>Organization</i>	<i>City, State</i>
1. Allison Bruton	M.S. Candidate, Engineering	University of Delaware	Newark, DE
2. Cheryl Cannon	M.S. Candidate, Biological Sciences	Delaware State University	Dover, DE
3. Tiffany Denny	M.S. Candidate, Electrical Engineering	University of Delaware	Newark, DE
4. John Fader	M.S. Candidate, Engineering	University of Delaware	Newark, DE
5. Raul Jackson	M.S. Candidate, Engineering	Drexel University	Newark, DE
6. Cornelius McFadden	Unknown	Unknown	Unknown
7. Chuck Ogbuawa	M.S. Candidate, Chemistry	University of Delaware	Newark, DE
8. Lynnelle Thorpe	M.S. Candidate, Biological Sciences	University of Delaware	Newark, DE
9. Lawrence Totty	Software Engineer	NAL Research Corporation	Manassas, VA
10. Marlyse Williams	M.S. Candidate, Engineering	University of Delaware	Newark, DE
11. Krystaufeux Williams	MS, Candidate, Physics	Delaware State University	Dover, DE
12. Gregory Wilson	Status Unknown	Unknown	Unknown

Puerto Rico-LSAMP

Doctoral Students

<i>Name</i>	<i>Doctoral Major</i>	<i>Institution</i>	<i>City, State</i>
1. Karilys Gonzalez	Chemistry	University of PR-Rio Piedras Campus	San Juan, PR
2. Daniel Caballero	Biochemistry	University of PR-Rio Piedras Campus	San Juan, PR

3. Omar Cruz	Biochemistry	University of PR-Rio Piedras Campus	San Juan, PR
4. Betzaida Castillo	Biochemistry	University of PR-Rio Piedras Campus	San Juan, PR
5. Azlín Biaggi	Chemical Physics	University of PR-Rio Piedras Campus	San Juan, PR
6. Luzed Diaz	Cellular Molecular Biology	University of PR-Rio Piedras Campus	San Juan, PR
7. Marilyn Garcia	Organic Chemistry	University of PR-Rio Piedras Campus	San Juan, PR
8. Agustin Diaz	Inorganic Chemistry	University of PR-Rio Piedras Campus	San Juan, PR
9. Yamaris Pacheco	Biochemistry	University of PR-Rio Piedras Campus	San Juan, PR
10. Jessica Oyola	Chemical Physics	University of PR-Rio Piedras Campus	San Juan, PR

Texas A&M University LSAMP

Doctoral Students

<i>Name</i>	<i>Doctoral Major</i>	<i>Institution</i>	<i>City, State</i>
1. Maxine Jones	Chemical Engineering	Texas A&M University	College Station, TX
2. Douglas Rodriguez	Mechanical Engineering	Texas A&M University	College Station, TX
3. Julianna Camacho	Civil Engineering	Texas A&M University	College Station, TX
4. Deborah Santos-Roman	Civil Engineering	Texas A&M University	College Station, TX
5. Shannon Hendeson	Interdisciplinary Engineering	Texas A&M University	College Station, TX
6. Migvia Vidal	Chemical Engineering	Texas A&M University	College Station, TX
7. Samuel Rodriguez	Computer Science	Texas A&M University	College Station, TX
8. Erica Bruce	Civil Engineering	Texas A&M University	College Station, TX

Other Students

<i>Name</i>	<i>Current Position</i>	<i>Organization</i>	<i>City, State</i>
1. Jessica P. Houston	Postdoctoral Research Associate	Baylor College of Medicine	Houston, TX
2. Juan C. Juarez	Senior Professional Staff	Johns Hopkins University	Laurel, MD



Texas A&M Cohort III Students

University of Texas System LSAMP

Doctoral Students

<i>Name</i>	<i>Doctoral Major</i>	<i>Institution</i>	<i>City, State</i>
1. Claudia Vargas	Biology	Washington University	St. Louis, MO
2. Alfredo Perez	Electrical Engineering	Texas A & M University	College Station, TX
3. Karla Soto	Materials Engineering	University of Texas at El Paso	El Paso, TX
4. Diana Kretzer	M.D./Ph.D.	University of North Texas	Fort Worth, TX

Other Students

<i>Name</i>	<i>Current Position</i>	<i>Organization</i>	<i>City, State</i>
1. Veronica Armendariz	Analytical Chemistry	Phelps Dodge	Bisbee, AZ
2. Rogelio Franco	Mechanical Engineering	NASA	Orlando, FL
3. Juan Licon	Student	University of Texas at El Paso	El Paso, TX
4. Sandra Macias	Student	University of Texas at El Paso	El Paso, TX
5. Monica Miranda	M.S.	Unknown	El Paso, TX
6. J. Hector Sandoval	Student	University of Texas at El Paso	El Paso, TX

Western Alliance to Expand Student Opportunities LSAMP

Doctoral Students

<i>Name</i>	<i>Doctoral Major</i>	<i>Institution</i>	<i>City, State</i>
1. Anthony Billups	Applied Mathematics/ Mathematical Biology	Arizona State University	Tempe, AZ
2. Stephanie Rogers	Molecular and Cellular Biology	Arizona State University	Tempe, AZ
3. Griselle Torres-García	Mathematics	Arizona State University	Tempe, AZ
4. Jovan Trujillo	Chemical Engineering	Arizona State University	Tempe, AZ

OUR BRIDGE TO THE DOCTORATE COHORT I STARTED IN FALL 2004 AND WILL NOT BE COMPLETED UNTIL FALL 2006.

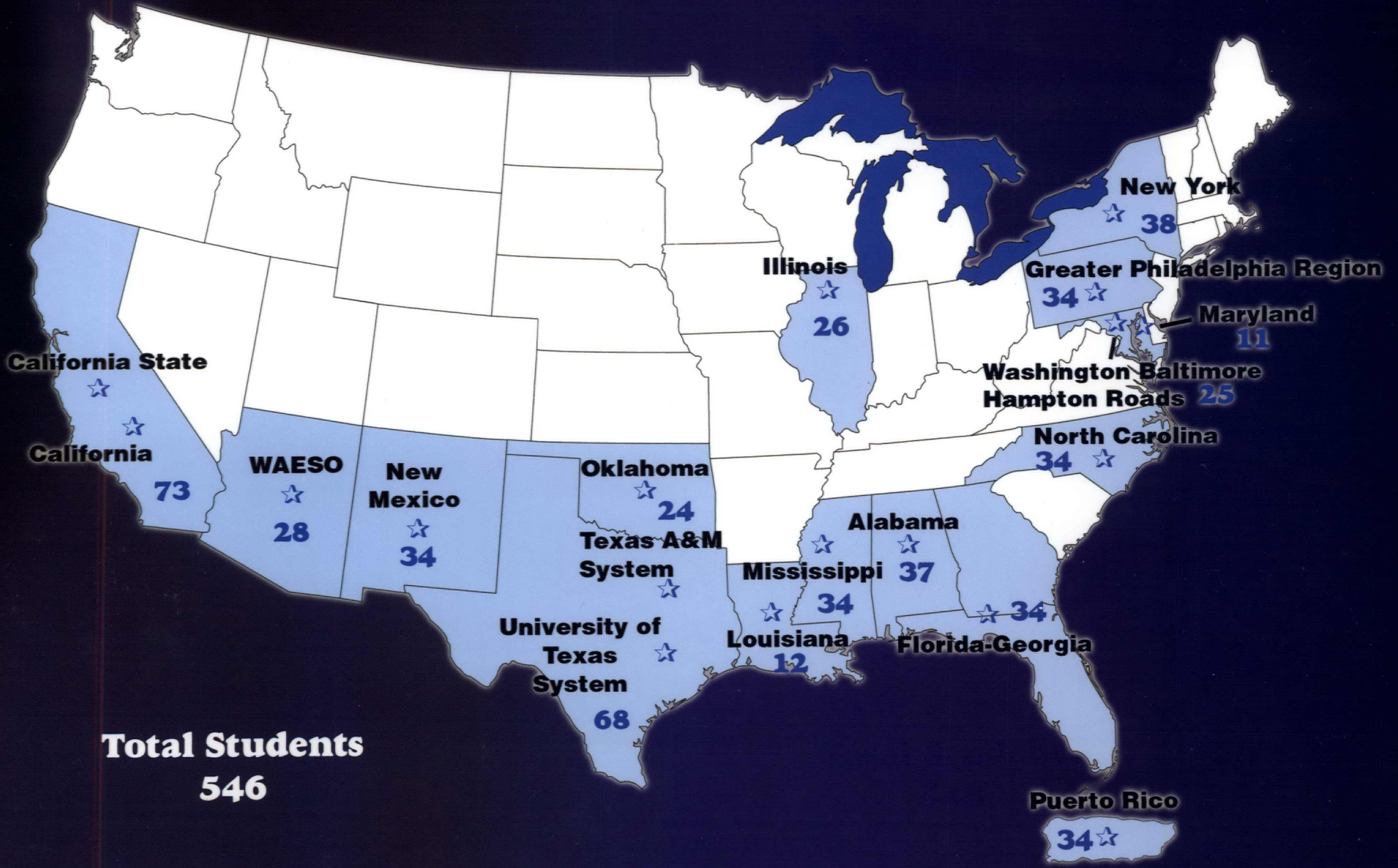
Cohort I Doctoral and Other Students Summary

LSAMP	Doctoral Students	Other Students	Total
Alabama	6	4	10
California	9	0	9
California State University	7	8	15
Florida-Georgia	3	7	10
Mississippi	10	0	10
New Mexico	5	6	11
New York	9	2	11
North Carolina	4	6	10
Philadelphia	0	10	10
Puerto Rico	10	0	10
Texas	8	2	10
University of Texas System	4	6	10
WAESO	4	0	4
Total	79	51	130

Principal Investigators

ALLIANCE	PRINCIPAL INVESTIGATOR	ADDRESS	TELEPHONE/EMAIL
Alabama	Dr. Louis Dale Vice President for Equity and Diversity	The University of Alabama at Birmingham 401 Campbell Hall 1530 3 rd Avenue South Birmingham, AL 35294-1170	(205) 934-8762 ldale@uab.edu
California	Dr. Michael V. Drake Chancellor	University of California-Irvine 510 Administration Irvine, CA 92697-1900	(949) 824-5111 chancellor@uci.edu
California State University	Dr. Richard Brown Provost and Vice President for Academic Affairs	California State University-Sacramento 6000 J Street, Sequoia Hall 534 Sacramento, CA 95819-6124	(916) 278-3838 ricb@csus.edu
Florida-Georgia	Dr. Ralph W. Turner Associate Dean of College of Arts & Sciences	Florida A&M University 1540 South Adams Street, Suite-A Tallahassee, FL 32307	(850) 561-2467 Ralph.turner@famuc.edu
Illinois	Dr. Marian Wilson Comer Professor of Biology	Chicago State University Williams Science Center, Room 101-A 9501 S. King Drive Chicago, IL 60628	(773) 995-3296 m-comer@csu.edu
Louisiana	Dr. Diola Bagayoko Southern University System Distinguished Professor of Physics	Southern University and A&M College LS-LAMP Management Office P. O. Box 9274 Baton Rouge, LA 70813	(225) 771-2777/2730 bagayoko@aol.com
Mississippi	Dr. James Perkins Director of Research	Jackson State University P. O. Box 18119 Jackson, MS 39217	(601) 979-2024 james.perkins@jsums.edu
New Mexico	Dr. William V. Flores Provost	Provost Office MSC 3445 New Mexico State University P. O. Box 30001 Las Cruces, NM 88003-8001	(505) 646-2127 provost@nmsu.edu
New York City	Dr. Neville A. Parker Professor of Civil Engineering	City College of New York 138 th Street & Convent Avenue Marshak-Building, Room J14 New York, NY 10031	(212) 650-8854 ampcc@cunyvm.cuny.edu
North Carolina	Dr. Carolyn W. Meyers Provost and Vice Chancellor for Academic Affairs	North Carolina A&T State University Dowdy Administration Building 1601 E. Market Street Greensboro, NC 27411	(336) 334-7695 cmeyers@ncat.edu
Oklahoma	Dr. Earl D. Mitchell, Jr. Associate Vice President for Multicultural Affairs & Professor of Biochemistry & Molecular Biology	246 Noble Research Center Oklahoma State University Stillwater, OK 74078-3035	(405) 744-6189 earl.mitchell@biochem.okstate.edu
Philadelphia	Dr. Ali Houshmand Dean, Goodwin College of Professional Studies	Drexel University Goodwin College of Professional Studies 3001 Market Street, Suite 100 Philadelphia, PA 19104	(215) 895-2167 ali.a.houshmand@drexel.edu
Puerto Rico	Dr. Manuel Gomez Director of the Resource Center for Science and Engineering	P. O. Box 23334 UPR Station San Juan, PR 00931	(787) 764-8369 mgomez@upr.edu
Texas	Dr. Karan Watson Associate Provost and Dean of Faculties	Texas A&M University 104 Academic Building, 1126 TAMU College Station, TX 77843-1126	(979) 845-4274 watson@tamu.edu
University of Texas System	Dr. Benjamin C. Flores Division Director of Computing and Electrical Engineering	500 W. University Avenue Engineering Annex 325 El Paso, TX 79968	(915) 747-5470 bflores@utep.edu
University System of Maryland	Dr. Freeman A. Hrabowski III President	University of Maryland-Baltimore County 1000 Hilltop Circle Baltimore, MD 21250	(410) 455-2274 hrabowski@umbc.edu
Washington Baltimore Hampton Roads	Dr. Richard A. English Interim Provost and Chief Academic Officer	Howard University 2400 6 th Street, N. W. Washington, DC 20059	(202) 806-2550 renglish@howard.edu
Western Alliance to Expand Student Opportunities	Dr. Antonio Garcia Associate Professor of Bio-Engineering	Hispanic Research Center Arizona State University P. O. Box 875403 Tempe, AZ 85287-5403	(480) 965-0840/8798 tony.garcia@asu.edu

Bridge to the Doctorate Alliances



Total Students
546