

The National Science Foundation

Louis Stokes Alliances for Minority Participation



Bridge to the Doctorate IV

Increasing the Impact on the Nation's Workforce

Participating Alliances and Sites

Alabama (Tuskegee University), *California* (University of California-Davis), *California State University* (San Francisco State University), *Colorado* (Colorado State University), *Florida-Georgia* (University of South Florida's Colleges of Engineering and Marine Science), *Illinois* (University of Illinois at Chicago), *Louisiana* (Louisiana State University), *Mississippi* (Jackson State University), *New Mexico* (New Mexico State University), *New York* (The City University of New York), *Philadelphia* (Delaware State University), *Puerto Rico* (University of Puerto Rico at Rio Piedras), *State University of New York* (Stony Brook University), *Texas* (Texas A&M University), *University System of Maryland* (University of Maryland College Park), *Washington Baltimore Hampton Roads* (Howard University), and *Western Alliance to Expand Student Opportunities* (Arizona State University).

2006- 2007

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NATIONAL SCIENCE FOUNDATION



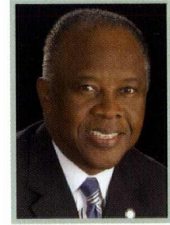
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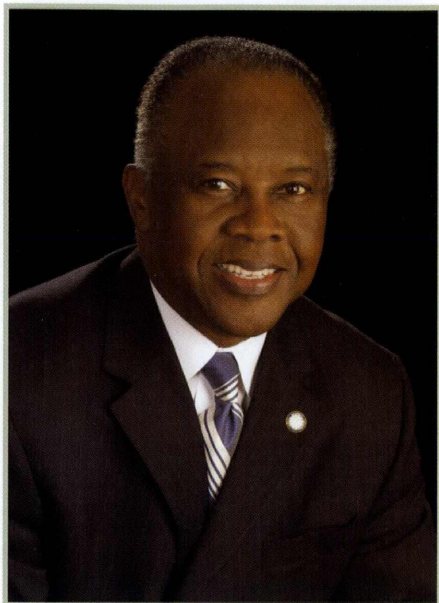


Dr. A. James Hicks
Program Director
 Louis Stokes Alliances
 or Minority Participation
 (703) 292-8640
 ahicks@nsf.gov

MESSAGE FROM THE PROGRAM DIRECTOR

Over 800 Participants in LSAMP's Graduate Bridge Initiatives

James Hicks, Ph.D.
LSAMP Program Director

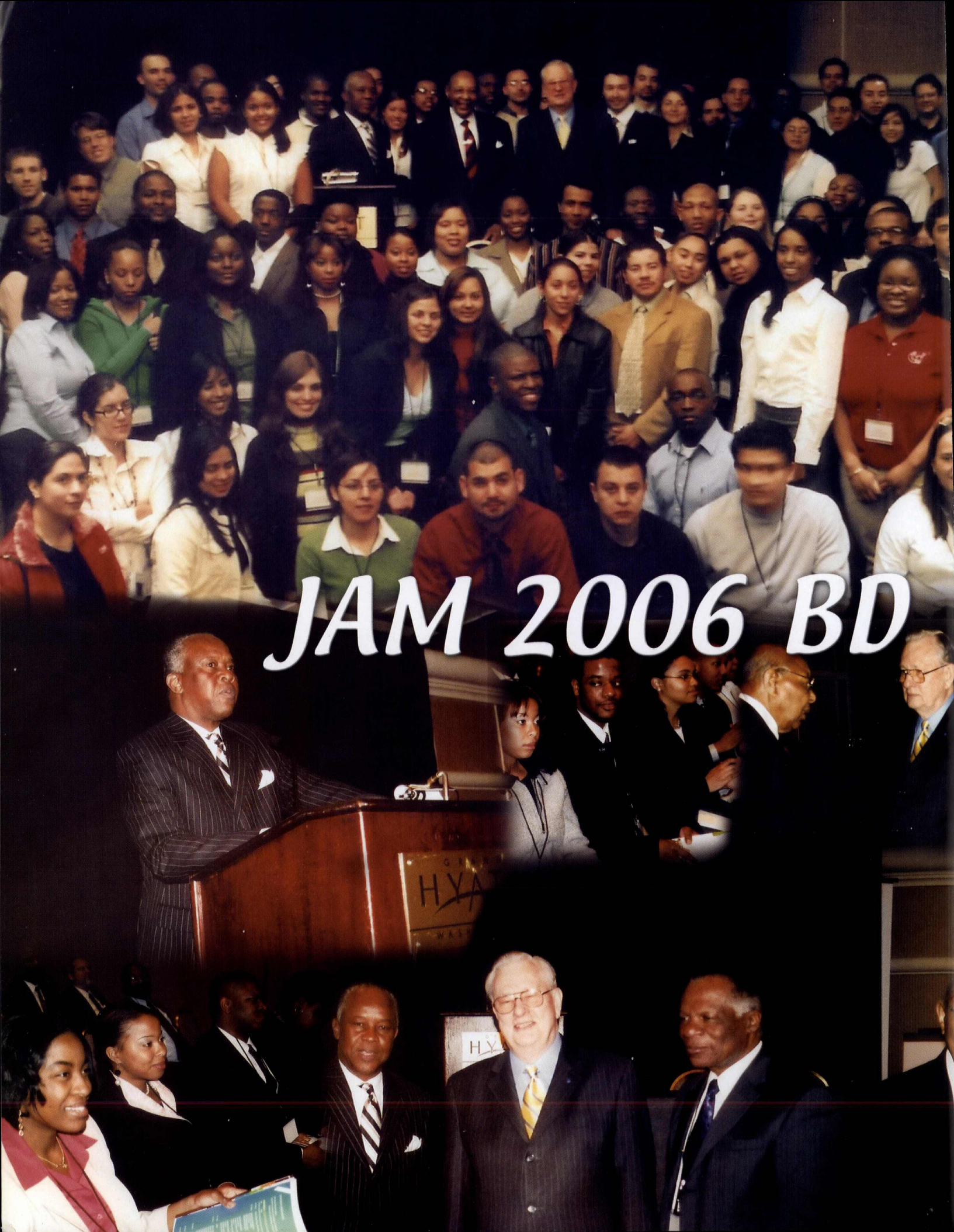


A. James Hicks, Ph.D.

Since the 2003 starting date, the LSAMP Bridge initiatives now exceed 800 participants at the graduate level. LSAMP's original Bridge to the Doctorate (BD) Initiative has enrolled 750 participants, while the pilot initiative, Bridge to Teaching (BT), has attracted an additional 51 participants in the first year. BT teacher training sites are currently located at City College in New York, The University of Alabama at Birmingham, and Arizona State University. Overall, participant numbers are expected to rise above 1000 with the BD and BT Initiatives by the close of the 2007 budget year.

Recently, Dr. Mya Breitbart, College of Marine Science at the University of South Florida, released the following statement, "My first two Ph. D. students, Camille Daniels and Karyna Rosario, are funded through the Bridge to the Doctorate Program. I am truly thankful for the opportunity to start my lab with these two phenomenal students. They are very competent in a variety of settings, whether it is field work to collect samples, interfacing with the general public, presenting their work at a scientific conference, or performing detailed molecular analyses in the laboratory." Professor Breitbart's remarks are representative of faculty mentors who, routinely, observe that the BD Initiative is truly transforming graduate programs by creating a diverse community of students who continue to make significant advances in their scientific fields.

This fourth edition document introduces and profiles the most recent enrollees in the BD Initiative. Latter pages in this document give historical information including a list of previous cohorts. It is our hope that you will observe and enjoy the wide array of talented LSAMP graduate students, who, in part represent the future generation of science, technology, engineering and mathematics (STEM) scholars. Indeed, talented help for America's workforce is just around the corner!



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SNAPSHOTS



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	49
	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	
	Tuskegee University	C 4	3	4	5	0	0	12	
California	University of California-Los Angeles	C 1	2	6	1	0	0	9	45
	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	
	University of California-Davis	C 4	4	5	3	0	0	12	
California State University	San Francisco State University	C 1, C 4	13	5	2	4	3	27	52
	California State University-Los Angeles	C 2, C 3	9	6	4	4	2	25	
Colorado	Colorado State University	C 4	2	4	5	0	1	12	12
Florida-Georgia	Florida State University	C 1	3	2	3	1	1	10	46
	University of South Florida	C 2, C 3, C 4	11	6	17	2	0	36	
Illinois	Southern Illinois University at Carbondale	C 2, C 3	12	7	6	0	1	26	40
	University of Illinois of Chicago	C 4	8	4	1	1	0	14	
Louisiana	Louisiana State University	C 3, C4	6	10	5	0	1	22	22
Mississippi	Jackson State University	A	18	16	7	1	4	46	46
New Mexico	New Mexico State University	A	5	10	28	3	0	46	46
New York	The City University of New York	A	12	5	18	7	8	50	50
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	

LSAMP	BD Site	Cohort	LS	Ph. S	Egr	Math	CIS	Total	Grand Total
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	47
	New Jersey Institute of Technology	C 2	1	0	8	0	3	12	
	Drexel University	C 3	4	0	8	0	0	12	
	Delaware State University	C 4	7	4	0	1	1	13	
Puerto Rico	University of Puerto Rico at Rio Piedras	C 1, C 3, C 4	13	19	0	2	0	34	46
	University of Puerto Rico- Mayaguez	C 2	3	6	3	0	0	12	
State University of New York	Stony Brook University	C 4	6	1	5	0	0	12	12
Texas	Texas A&M University	C 1, C 2, C 4	6	1	24	2	1	34	46
	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	23
	University of Maryland, College Park	C 4	2	4	4	2	0	12	
Washington Baltimore Hampton Roads	Howard University	C 2, C 3, C 4	18	7	2	8	2	37	37
WAESO	Arizona State University	A	5	2	8	25	0	40	40
Total			214	169	241	75	52	751	751
KEY									
C1	= Cohort I ('03-'05)								
C2	= Cohort II ('04-'06)								
C3	= Cohort III ('05-'07)								
C4	= Cohort IV ('06-'08)								
A	= All Cohorts								

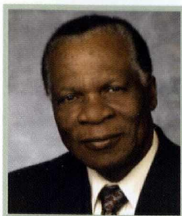
Program Sites and Coordinators

LSAMP	BD Site	BD Coordinator	Cohort
Alabama	Auburn University	Dr. Overtoun M. Jenda, (334) 844-4184, jendaov@auburn.edu	C1
	University of Alabama 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 and Dr. M. Carolyn Braswell, (205) 934-8762, cbraswel@uab.edu	C3
	Tuskegee University	Dr. Shaik Jeelani, (334) 727-8970, jeelanis@tuskegee.edu	C4
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
	University of California-Davis	Renee J. Maldonado, (530) 754-5866, rjmaldonado@ucdavis.edu	C4
California State University	San Francisco State University	Dr. Frank Bayliss, (415) 338-1071, fbayl@sfsu.edu , and 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
	San Francisco State University	Dr. Sheldon Axler, (415) 338-1571, axler@sfsu.edu ; Dr. David Ellis, (415) 338-1026, dellis@math.sfsu.edu and Juanita Barrena, (916) 278-6519 jbarrena@csus.edu	C4
Colorado State University	Colorado State University	Dr. Elaine Green, (970) 491-2898, elaine.green@colostate.edu	C4
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, C4
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
	University of Illinois-Chicago	Dr. William E. Walden, (312) 996-8576, wwalden@UIC	C4
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, C4
Mississippi	Jackson State University	Dr. James Perkins, (601) 979-2024, james.perkins@jsums.edu	A
New Mexico	New Mexico State University	Dr. Ricardo B. Jacquez, (505) 646-3463, rjaquez@nmsu.edu	A
New York	The City University of New York	Dr. Gail Smith, (212) 817-7542, gsmith@gc.cuny.edu	A

LSAMP	BD Site	BD Coordinator	Cohort
North Carolina	North Carolina A&T State University	Ms. Marcia F. Williams, (336) 334-7589 ext. 140, marcia@ncat.edu	C1
	The University of North Carolina at Charlotte	Dr. Bill Hill, (704) 687-3385, bjhill@email.uncc.edu	C2
	North Carolina Central University	Dr. Sandra Delauder, (919) 530-6456, sdelauder@ncsu.edu and Dr. Mattie Moss, (919) 530-5129, mmoss@ncsu.edu	C3
Oklahoma	Oklahoma State University	Dr. Earl D. Mitchell, (405) 744-6189, earl.mitchell@biochem.okstate.edu	C2
	The University of Oklahoma	Dr. Teri Rhoads, (405) 325-1069 or 4161, teri.rhoads@ou.edu	C3
Philadelphia	The 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
	Delaware State University	Dr. Beverly Hartline, (302) 857-6500, bhartline@desu.edu ; Dr. Mazen Shahin, (302) 857-7055 mshahin@desu.edu and Dr. Leonard Davis, (302) 857- 7370 ledavis@desu.edu	C4
Puerto Rico	University of Puerto Rico at Rio Piedras	Professor Javier Figueroa, (787) 765-5170, ext 2012 j.figueroa@upr.edu	C1, C3, C4
	University of Puerto Rico- Mayaguez	Dr. Juan Gonzalez-Lagoa, (787) 831-1025, drj.gonzales@gmail.com	C2
State University of New York	SUNY-Stony Brook	Dr. David L. Ferguson, (631) 632-8763, dferguson@notes.cc.sunysb.edu	C4
Texas	Texas A&M University	Dr. Karan L. Watson, (979) 845-4274, watson@tamu.edu	C1,C2, C4
	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 -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 ; Dr. Freeman Hrabowski, III, (410) 455-2274, hlabowski@umbc.edu , and Dr. Renetta G. Tull, (410) 455-2930, rtull@umbc.edu	C3
	University of Maryland-College Park	Ms. Joelle Davis-Carter, (301) 405-2677, jdcarter@umd.edu	C4
Washington/Baltimore/Hampton Roads	Howard University	Dr. Clarence Lee, (202) 238-2511, cmlee@howard.edu	C2, C3, C4
Western Alliance to Expand Student Opportunities	Arizona State University	Dr. Carlos Castillo-Chavez, (480) 965-2115, ccchavez@asu.edu ; Dr. Ana Moore, (480) 965-2953, Ana.Moore@asu.edu , and Dr. Ferran Garcia-Pichel, (480) 727-7534, ferran@asu.edu	A

Alabama Louis Stokes Alliance for Minority Participation

Bridge to the Doctorate IV



Dr. Louis Dale
Principal Investigator
Alabama LSAMP

"Our experience with the BD program during the first year of support has shown that this program is attractive to underrepresented minority students. Given that students' financial earning power is increased by the acquisition of a graduate degree, it is becoming increasingly easier for students to make the decision to pursue graduate studies. The BD program provides an excellent incentive for highly qualified students to pursue graduate studies with a doctoral degree as a goal." – Dr. Shaik Jeelani



Dr. Shaik Jeelani
Site Coordinator
Tuskegee University

2006-2008 Bridge to the Doctorate Site – Tuskegee University

Tuskegee University is an independent state-related institution of higher education. Its programs serve a student body that is coeducational as well as racially, ethnically and religiously diverse. The university offers 49 degrees including 35 bachelor's, 11 master's, a doctor of philosophy in materials science and engineering, a doctor of philosophy in integrative bio-sciences,



General Daniel "Chappie" James
Center at Tuskegee University

and a doctor of veterinary medicine. Tuskegee enrolls more than 3,000 students and employs approximately 900 faculty and support personnel. Physical facilities include more than 5,000 acres of forestry and a campus with more than 100 major buildings and structures. Total land, forestry and facilities are valued in excess of \$500 million.

Bridge to the Doctorate Students



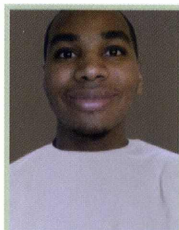
Sandra Brundidge-Young
Talledega College, B.A.,
Physics, 2004; Graduate Major:
Mechanical Engineering
*"I plan to pursue a Ph.D. in
Materials Science and
Engineering and become a
professor."*



Rozlyn Chambliss
Tuskegee University,
B.A., Chemistry, 2006;
Graduate Major:
Chemistry
*"My ultimate career goal
is to become a college
professor."*



Jennifer Cunningham
Tuskegee University, B.S.,
Biology, 2006; Graduate
Major: Biology
*"I will be pursuing my doctoral
degree in community public
health and health promotion at
The University of Alabama at
Birmingham."*



Charles Doxley
Albany State University, B.A.,
Mathematics, 2006;
Graduate Major: Electrical
Engineering
*"I intend to complete my Ph.D.
in Communications, ultimately,
positioning myself to start my
own consulting firm, before I
advance into the professorate."*



Erica Hudson
University of the District of
Columbia, B.S.,
Nutrition and Food
Science, 2006;
Graduate Major:
Nutritional Science
*"My career goal is to
become a clinical
registered dietician."*



Kellee L. Jamerson
Tuskegee University, B.S.,
Environmental Science, 2006;
Graduate Major:
Environmental Science
*"I plan to obtain a Ph.D. in
Food Science. After obtaining
a Ph.D., I would possibly like
to teach at a university or
conduct research."*



Justin O. James
Tuskegee University, B.S.,
2006; Graduate Major:
Electrical Engineering
*"After honing my skills as a
field engineer, I plan to return
to academia where I hope to
educate, perform research,
electrical engineering and
eventually author books."*



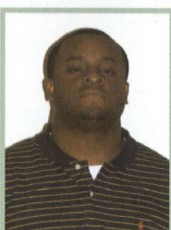
Tracey D. Mindingall
Tuskegee University, B.S.,
Food and Nutritional
Sciences, 2007; Graduate
Major: Food Science
*"After pursuing my Ph.D. in
Public Health, I would like
to embark on a career in
Epidemiology/Environmental
& Occupational
Health."*



Sharina Richard
Tuskegee University, B.S.,
Biology, 2006;
Graduate Major: Animal
Science/Integrative Bioscience
*"My career goal is to become a
scientific researcher that will
help improve the quality of life
for underrepresented people
and communities in the United
States and internationally."*



CaLynna Sorrells
Tuskegee University, B.S.,
Electrical Engineering, 2005;
Graduate Major: Electrical
Engineering
*"After completion of the
Master of Science degree and
the Ph.D. program. I will
practice my profession in
electrical engineering and
thereafter become a
professor."*



Gregory Strawder
Albany State University,
B.A., Mathematics, 2006;
Graduate Major: Materials
Science and Engineering
*"Upon receiving my
doctorate, I want to work in
a research laboratory. After
working in industry for a
while, I want to return to
academia."*



Tiffany Taylor
Tuskegee University, B.S.,
Chemistry/Biochemistry,
2006;
Graduate Major: Chemistry
*"My long-term career goal
is to obtain a MD or
MD/Ph.D. degree and
pursue medical research."*



California LSAMP Bridge to the Doctorate, Cohort IV University of California, Davis

BRIDGE TO THE DOCTORATE AT UC DAVIS
College of Engineering
Dean's Office
One Shields Avenue
Davis, CA 95616

Co-Directors:

Dr. Karen McDonald,
Associate Dean Research and
Graduate Studies, College of
Engineering
Dr. Jeffery Gibeling, Dean,
Office of Graduate Studies

Associate Director:

Renée J-Maldonado, LSAMP
Program Coordinator,
Director of Student
Development and
Recruitment, College of
Engineering
Phone: 530-752-1979
rjaldonado@ucdavis.edu

**Office of Graduate
Studies Liaison:**

Hector Cuevas, Director of
Outreach, Recruitment and
Retention



LUCAS ARZOLA
• B.S. 2007 Chemical Engineering, University of Puerto Rico, Mayaguez
• Career Goal: Research and development (R&D) scientist at a biotech industry or a professor



PATRICIA CASTILLO
• B.S. 2005 Immunology, CSU Los Angeles
• Career Goal: Research Scientist in Immunology



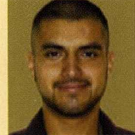
NICHOLE COLEMAN
• B.S. 1997 Chemistry, CSU San Francisco
• Career Goal: Research Scientist at a Pharmaceutical Company



CATHERINE COX
• B.S. 2006 Chemistry, UC Davis
• Career Goal: Research Scientist in a National Laboratory



MOISES DELATORRE
• B.S. 2006 Microbiology, CSU Fresno
• Career Goal: Research Scientist in Academia or Industry



JOSEPH GOMEZ
• B.S. 2004 Electrical & Computer Engineering, CSU Los Angeles
• Career Goal: Leadership Position in Telecommunications Research



ISRAEL LOPEZ
• B.S. 2002 M.S. Mechanical & Aerospace Engineering, UC Davis
• Career Goal: Research Scientist and Engineering Consultant



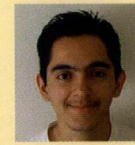
RAQUEL OROZCO
• B.S. 2006 Chemical Engineering, UC Berkeley
• Career Goal: Industry Researcher and University Professor



CECILIA OSORIO
• B.S. 2006 Plant Biology, UC Riverside
• Career Goal: Professor in Plant Biology/ Research Emphasis



JORGE ROBLES
• B.S. 2006 Physics, UC San Diego
• Career Goal: Faculty Position in Physics at a University



GERARDO ROCHA
• B.S. 2007 Civil Engineering, UC Davis
• Career Goal: Research scientist in Engineering



JACKIE TEIXEIRA
• B.S. 2006 Chemistry, UC Davis
• Career Goal: Synthetic Organic Chemist in Industry

BD Fellows Are Part of a Tradition of Excellence

UC Davis is one of the nation's top public research universities and is part of the world's pre-eminent public university system. The campus is set in the heart of the Central Valley, close to the state capital and San Francisco Bay Area. As one of the last "small-town universities," we cherish our close relationships on campus and within the Davis community. UC Davis celebrates its centennial year in 2008, having grown from

a university farm school for the University of California to a Tier One research university, ranking 12th in research funding among public U.S. universities, receiving more than \$500 million in 2004-05. UC Davis is one of 62 North American universities admitted into the prestigious Association of American Universities. The campus has 86 graduate programs, with 4,051 graduate students enrolled, and five professional schools

(Education, Law, Management, Medicine, Veterinary Medicine), with 2,851 professional students (Fall 2005). It is the most comprehensive of all the UC campuses, and its 5,300 acres makes it the largest UC campus in acreage. One in every 315 Californians is a UC Davis alum! Our LSAMP-BD leadership is committed to minority achievement of the Ph.D. The campus extends a warm welcome to the newest CAMP-BD Fellows.



LOUIS STOKES

California Alliance for
Minority Participation

In Science, Engineering and Mathematics



CAMP STATEWIDE LEADERSHIP

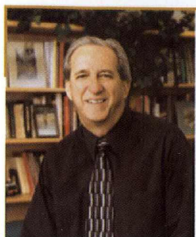
Michael V. Drake, M.D., Chancellor, UC Irvine, P.I.
Nicolao Alexopoulos, Dean,
Henry Samueli School of Engineering, Co-P.I.
Debra J. Richardson, Dean, Bren School of Information
and Computer Science, Co-P.I.
Juan Francisco Lara, Asst. Vice Chancellor, Executive Director
Marjorie DeMartino, Associate Executive Director



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

CALIFORNIA STATE UNIVERSITY LSAMP PROGRAM



Joseph Sheley, Ph.D.
Provost and Vice President
for Academic Affairs
California State
University, Sacramento

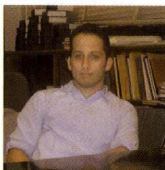
NSF funding of Bridges to the Doctorate (BD), Cohort III has enabled CSU-LSAMP to host a fourth cohort of students at San Francisco State University. In 2006-2007, San Francisco State University serves as the graduate institutional site for BD-Cohort IV activities. The existence of the Bridge to the Doctorate programs has provided students access to graduate study in a broader array of STEM disciplines. Twelve talented students have been selected as scholars in the Louis Stokes Alliance for Minority Participation Bridges to the Doctorate Cohort IV.



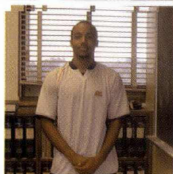
CSU-LSAMP Bridge to the Doctorate IV San Francisco State University Academic Year 2006-2007



Maree Afaga
BA, Mathematics, 2006
California State University, Stanislaus
Current: Mathematics
Career Goal: Ph.D.— Faculty



Jorge Franco
BS, Biology, 2006
San Francisco State University
Current: Biology
Career Goal: Ph.D.— Faculty



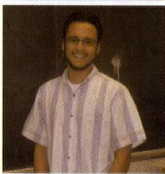
Akili Anderson
BS, Electrical Engineering, 2006
San Jose State University
Current: Engineering
Career Goal: Ph.D.— Research/Faculty



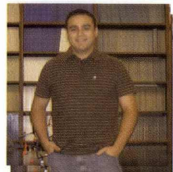
Mary Greene
BS, Chemistry, 2006
San Francisco State University
Current: Biology
Career Goal: Ph.D.— Faculty



Belem Avila
BS, Biochemistry and Molecular
Biology, 2004
University of California, Santa Cruz
Current: Chemistry
Career Goal: Ph.D.— Faculty



Jose Ibarra-Soza
BS, Chemistry (Concentration: Biochemistry),
2006
University of California, Santa Cruz
Current: Chemistry
Career Goal: Ph.D.— Faculty



Alexander Chavez
BA, Mathematics, 2005
San Jose State University
Current: Mathematics
Career Goal: Ph.D.— Faculty



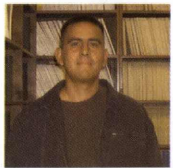
Lilia Ornelas
BA, Biology, 2006
California State University, Stanislaus
Current: Biology
Career Goal: Ph.D.— Research/ Faculty



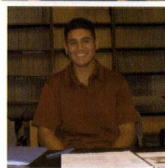
Anastasia Chavez
BS, Applied Mathematics, 2006
San Francisco State University
Current: Mathematics
Career Goal: Ph.D.— Faculty



Mayra Pastore
BS, Chemistry, 2006
San Francisco State University
Current: Chemistry
Career Goal: Ph.D.— Research/Faculty



Arturo Flores
BS, Computer Science, 2000
California State University, Stanislaus
Current: Computer Science
Career Goal: Ph.D.— Faculty



Lawrence Varela
BS, Computer Science, 2006
San Jose State University
Current: Computer Science
Career Goal: Ph.D.— Research/Faculty

BD-IV Coordinators at San Francisco State



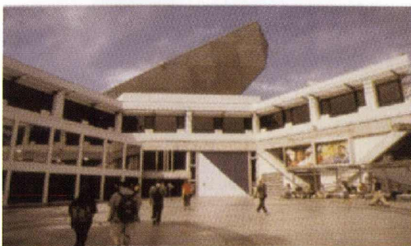
Sheldon Axler

BD-IV Co-Project Director
Dean of the College of Science &
Engineering
Professor of Mathematics,
San Francisco State University
PhD 1975, UC Berkeley
Research interest: functional analysis
(415) 338-1571
axler@sfsu.edu



David Ellis

BD-IV Co-Project Director
Professor of Mathematics
San Francisco State University
Ph.D., 1969, Mathematics
City University of New York
(415) 338-1026
dellis@math.sfsu.edu

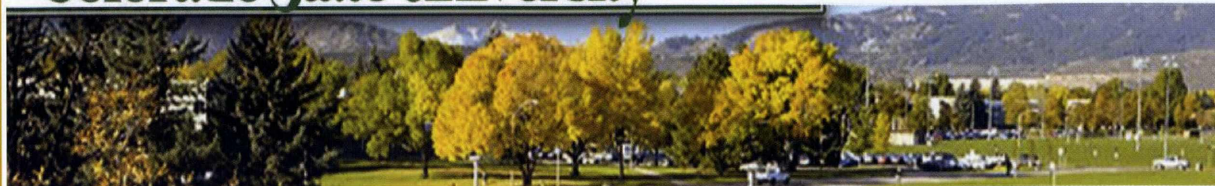


San Francisco State University

San Francisco State University is an comprehensive university with eight colleges offering baccalaureate degrees in 112 areas. Reflecting the ethnically diverse area in which it is located, SFSU ranks 10th in the nation in awarding baccalaureate degrees to minorities. The College of Science and Engineering philosophy that the best education of its students comes through involvement in research and the solution of real-world problems. Faculty encourage students to ignore traditional barriers, to become actively involved in research, and to connect with the Bay Area's rich science and technology network. SFSU's many state-of-the-art

facilities include a Conservation Genetics Laboratory, the Romberg Tiburon Center for Environmental Studies, an electron microscope facility, computational chemistry and visualization laboratory, a DNA analysis facility, a thin core facility, the Nuclear Magnetic Resonance Center, Mass Spectrometry Center and an Alpha 3000 internet server.

Colorado State University



Colorado State University is a land-grant institution and a Carnegie Doctoral/Research University-Extensive. It offers doctorate degrees in 8 colleges. Located in a community of 129,000, CSU's enrollment is about 25,000 resident instruction students from every state and more than 85 foreign countries.

Bridgetothedoc.Colostate.edu



Omnia El-Hakim, PhD, Professor of Civil Engr
Executive Dir of Diversity Recruit. & Retention
PI, CO-AMP & Bridge to the Doctorate Program
Graduate School, Engr. Bldg E-118
Colorado State University
Fort Collins, CO 80523-1300
(970) 491-2656 or (970) 222-1043 (cell)
Omnia.elhakim@colostate.edu



Elaine Green, Ed.D
CO-AMP, Bridge to the Doctorate
Program Coordinator
Graduate School, Engr. Bldg E-116
Colorado State University
Fort Collins, CO 80523-1300
(970) 491-2898
Elaine.green@colostate.edu

Colorado Alliance for Minority Participation is very proud to have been selected to receive the BD (Cohort I) this summer 2006. The primary goal of the BD program in Colorado is to build well qualified, highly competitive STEM education and research scholars to enter the professoriate and become role models for other diverse students in the nation. In addition, the BD program has built a new infrastructure within the colleges and departments that support, welcome and mentor the diverse students who are successfully pursuing their graduate degrees at Colorado State University.



Herman Bravo
BS Mechanical Engineering 2005
University of California—Berkeley
Career Goal: Ph.D. in Engineering



Brandon Locklear
BS Chemistry 2006
University of North Carolina-Pembroke
Career Goal: Ph.D. in Chemistry



Elizabeth Castlebaum
BS Rangeland Ecology 2006
Colorado State University—Fort Collins
Career Goal: Ph.D in Soils and Crop
Science



Shay Perea-Boettcher
BS Biochemistry 2001
Colorado State University-Fort Collins
Career Goal: Ph.D. in Biochemistry and
Molecular Biology



John Edwards
BS Electrical Engineering 1996
University of Missouri—Rolla
Career Goal: Ph.D. in Computer Science



Elizabeth Perrault
BS Biochemistry 2006
Fort Lewis College-Fort Lewis, CO
Career Goal: Ph.D. in Chemistry



Miriam Galeas
BS Biology 2002
Berry College-Rome, Georgia
Career Goal: Ph.D in Biology



Janet Sanford
BS Chemistry 2006
University of North Carolina-Pembroke
Career Goal: Ph.D. in Chemistry



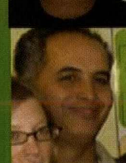
Rachel Garcia
BS Civil Engineering 2006
Colorado State University-Fort Collins
Career Goal: Ph.D. in Civil Engineering



Naquetta Simpson
BS Mathematics 2005
Texas Southern University—Houston, TX
Career Goal: Ph.D. in Computer Science



Shantell Hinton 2006
BS Electrical Engineering
Vanderbilt University-Nashville, TN
Career Goal: Ph.D. in Robotics



Fouad Tamire
BS Mechanical Engineering 2006
University of Colorado—Denver
Career Goal: Ph.D. in Mechanical Engr.

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

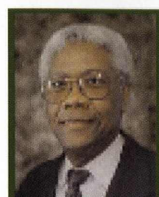


Career Goals:
Ph.D. Biomedical
Engineering
Industry/
Research

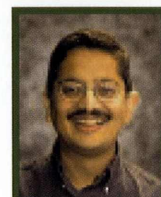
Rufus Barbone
B.S. – Mechanical Engineering
University of North Carolina-Chapel Hill, 2006



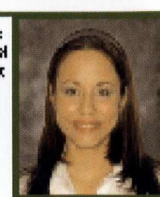
Dr. Ashanti Pyrie
Project Director
Assistant Professor of Chemical Oceanography
USF College of Marine Science



Dr. Ralph Lerner
Director of FGLSAMP



Dr. Shobha Bhargava
Program Co-Director
Associate Professor of Biomedical Engineering
USF College of Engineering



Career Goals:
Ph.D. Industrial
Engineering
Engineering
Faculty/
Research

Deyne Lee-Martinez
B.S. – Industrial Engineering
University of Puerto Rico, Mayaguez, 2006



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

Karoline Cover
B.S. – Biology
Virginia Union University, 2006

"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. Chemical
Oceanography
Faculty/
Research

Susana Hulin
B.S. – Chemistry
Clemson State University, 2006

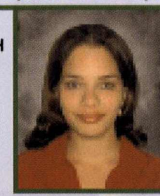


Career Goals:
Ph.D. Physical
Oceanography
Faculty/
Research

Lu Arguello Hernandez-Cano
B.S. – Marine Biology
University of Puerto Rico – Humacao, 2002

FGLSAMP

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).



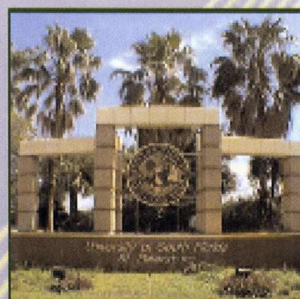
Career Goals:
Ph.D. Mechanical
Engineering
Faculty/
Research

Isaac Rios
B.S. – Mechanical Engineering
Inter-American University of Puerto Rico, 2006



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

Sherrine Green
B.S. – Physics
Delaware State University, 2006



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 1* universities



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

Saraya Rosario-Cano
B.S. – Industrial Microbiology
University of Puerto Rico, Mayaguez, 2002



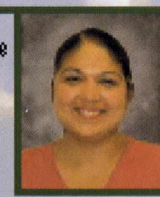
Career Goals:
Ph.D. Computer
Engineering
Faculty/
Research

Randolph Hyman, Jr.
B.S. – Mathematics and Computer Engineering
Bethune-Cookman College, 2006

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

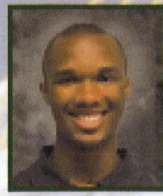
Unique Features of the Bridge to the Doctorate Program

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



Career Goals:
Ph.D. Engineering
Science
Industry/
Research

Andrea Rios
B.S. – Biology
Texas A&M University-Corpus Christi, 2000



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

Harold Morley
B.S. – Mechanics of Engineering
North Carolina A&T State University, 2006

"Fostering an interdisciplinary pathway, expertise, and research endeavors in marine, environmental, biological and chemical sciences, and bio-related between scientific and other cognitive engineering applications."

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



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

Nicole Farris
B.S. – Biology
Florida A&M University, 2006

Illinois LSAMP Bridge to the Doctorate at UIC



"transforming the scientific community through academic preparation and excellence in science and research"



Dr. Elnora D. Daniel
CSU President & ILSAMP PI



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



**UIC COLLEGE OF UIC GRADUATE
MEDICINE MEDICINE COLLEGE**

NSF Bridge to the Doctorate (BD) program provides crucial support for Cohort III underrepresented students to obtain the terminal degree. Cohort III is hosted by the medical school at the University of Illinois at Chicago (UIC). The host for Cohorts I and II is Southern Illinois University at Carbondale (SIUC).

UIC is located in the heart of Chicago, and reflects the full variety and vitality of this world class city. UIC has one of the most diverse campuses in the nation, and the most diverse student body of any University in the Midwest. UIC is a public, state-supported research university. It is the largest university in the Chicago area with 25,000 students and 15 colleges, including the nation's largest medical school. UIC has a strong track record for commitment to diversity and to training underrepresented minority students in STEM fields. Within the College of Medicine, the site for the ILSAMP BD- Cohort III, 31 underrepresented students have entered the Ph.D. programs in the basic science departments since 2001. Eleven have received the Ph.D. and have moved into postdoctoral positions or began a career, while 18 are still working toward the degree.

Chicago State University (CSU) is the lead institution for ILSAMP which, in addition to UIC and SIUC, includes DePaul University, Governors State University, Illinois Institute of Technology, Illinois State University, Northeastern Illinois University, Southern Illinois University at Edwardsville, nine community colleges and Argonne National Laboratory.



Dr. William Walden



Ms. Denise Yates

UIC Bridge to the Doctorate Contacts

William Walden, PhD, Principal Investigator
Director, Graduate Diversity Programs
and Professor, Microbiology & Immunology
wwalden@uic.edu
312-355-1850

Denise Yates, MA, NCC, Coordinator
Associate Director for Programs,
Graduate Diversity Programs
dyates@uic.edu
312-996-3278

2006-2007 ILSAMP Bridge to the Doctorate Fellows at UIC



Troy Hernandez

BS, Math Education, 2006
University of IL at Chicago
Career Goal: PhD in
Mathematics



Antonio Olivo

BS, Biology, 2003
University of IL at Chicago
Career Goal: PhD in Physiology



Wilson Barajas

BS, Physics, 2004
University of IL at Chicago
Career Goal: PhD in Physics



Nicole Jones

BS, Biology, 2005
Chicago State University
Career Goal: PhD in Anatomy
& Cell Biology



Christel Rushing

BS, Microbiology, 2006
University of Florida
Career Goal: PhD in Microbiology
& Immunology



Janai Carr

BS, Biology, 2002
University of CA at San Diego
Career Goal: MD/PhD in
Developmental Genetics



Angene Milton

BS, Biology, 2004
Chicago State University
Career Goal: PhD in
Biological Sciences



Stephanie Stokes

BS, Biology, 2005
Jackson State University
Career Goal: PhD in Microbiology
& Immunology



Senta Furman

BS, Biology, 2003
Wayne State University
Career Goal: MD/PhD in
Psychiatry & Neuroscience



Evelyn Nwabuisi

BS, Biochemistry, 2004
University of IL at Chicago
Career Goal: PhD in Anatomy
& Cell Biology



Lassandra Walker

BS, Biology, 2001
Chicago State University
Career Goal: PhD in Enviro.
& Occupational Health Sciences



Itzel Godinez

BS, Physics, 2005
University of IL at Chicago
Career Goal: PhD in Civil &
Materials Engineering



Laura Pedro-Rosa

BS, Chemistry, 2005
University of Puerto Rico
at Rio Piedras
Career Goal: PhD in Chemistry



David Weed

BS, Bioengineering, 2006
University of IL at Chicago
Career Goal: PhD in
Bioengineering

* The Bridge to the Doctorate at UIC is funded by the National Science Foundation as a supplemental activity of the Illinois Louis Stokes Alliance for Minority Participation.

Louisiana State University

LS-LAMP/BDP Bridge to the Doctorate Program

LS-LAMP/BDP Management Team



Ashley Belle
BS, Chemistry
Dillard University
(2004)
Career Goals:
PhD, Food Science



Shannon Chambers
BS, Civil Engineering
Southern University
and A&M College
(2004)
MS, Civil Engineering
Clemson University
(2006)
Career Goals:
PhD, Civil
Engineering



Stephanie Daniels
BS, Chemistry
Jackson State University
(2004)
MS, Chemistry
Jackson State University
(2006)
Career Goals:
PhD, Chemistry



Emily Jackson
BS, Biological Science
Louisiana State University
(2004)
Career Goals:
PhD, Biochemistry



Tracey Johnson-Gauff
BS, Animal Science
Southern University and
A&M College
(2006)
Career Goals:
PhD, Animal Sciences-Dairy
Science-Poultry



David Murungi
BS, Political Science
Williams College
(1995)
Career Goals:
PhD, Information System
Decision Science (ISDS)



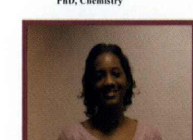
Marc Peterson
BS, Chemistry
Southern University and
A&M College
(2005)
Career Goals:
PhD, Chemistry



Raphael Rusby
BS, Biological Science
Louisiana State
University (2004)
Career Goals:
PhD, Biological Science



Krystal Stewart
BS, Chemistry
Virginia State
University
(2004)
Career Goals:
PhD, Chemistry



Latoya Thomas
BS, Biological Science
Southern University and
A&M College
(2003)
Career Goals:
PhD, Biological Science



Su-Seng Pang, PhD
PI, LS-LAMP/BDP



Steve Watkins, PhD
Co-PI, LS-LAMP/BDP



Isiah Warner, PhD
Co-PI, LS-LAMP/BDP



Myron Peters
LS-LAMP/BDP Coordinator



Diola Bagayoko, PhD
PI, LS-LAMP/BDP

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-LAMP/BDP), an initiative of the National Science Foundation. Dr. Diola Bagayoko at Southern University and A&M College and Dr. Su-Seng Pang at Louisiana State University are the Principal Investigators (PIs) of the LSU/BDP, while Drs. Steven F. Watkins and Isiah M. Warner also of Louisiana State University 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-LAMP/BDP institutions and their ultimate institutionalization are expected to have an impact far beyond minority education, STEM disciplines, and Louisiana.

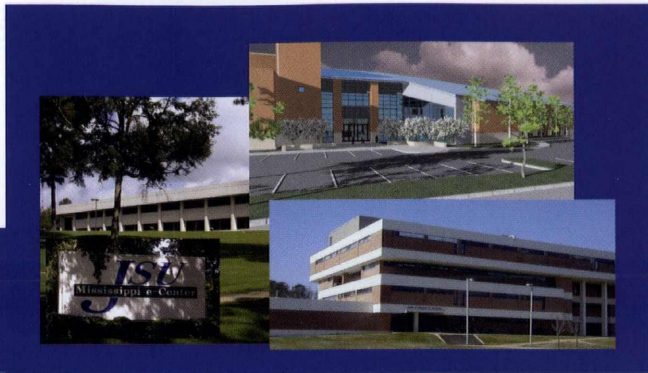
With the inception of the LSU/BDP program in Fall 2005, the following Fellows are a continuation of the BDP Program. Their awards for the 2006 - 2008 academic years; all of whom display great potential, sound judgment, good character and intellect. The LSU/BDP program coordinator can be reached at mepang@me.lsu.edu or via telephone by dialing (225) 578.5892.

BDP Contact Information

Su-Seng Pang, Ph.D., P.E., ASME Fellow
Associate Vice Chancellor for Strategic Initiatives
Jack Holmes Professor
Mechanical Engineering Department
Louisiana State University
Baton Rouge, LA 70803-6413
Tel: (225) 578-5892
Fax: (225) 578-5924
Email: mepang@me.lsu.edu

Research Interests

Mechanics of Composite Materials: Material Properties, Failure Criteria, Strength Analysis, and Low Velocity Impact; Joining of Plastics and Composites; Pressure Vessel and Piping Technology; Composite Structures: Design, Analysis, and Optimization.



Mississippi - Cohort 4 LSAMP Bridge to the Doctorate Program at Jackson State University

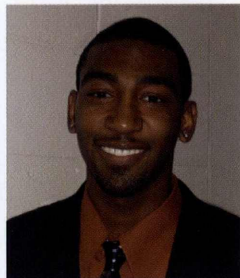
JSU is the State of Mississippi's only urban, comprehensive institution and is designated as "doctoral/research intensive" by the Carnegie Foundation. It offers doctorate degrees in ten disciplines. JSU ranks No. 1 in the acquisition of federally funded research dollars and No. 2 in awarding doctoral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



Lamarius Carter
BS - Computer Engineering, Jackson State Univ-'06
Career Goal: Ph.D. in Computer Engineering



Victoria Crockett
BS - Chemistry
Tougaloo College-'06
Career Goal: Ph.D. in Computational Chemistry



Miguel Gates
BS - Computer Engineering
Jackson State Univ-'06
Career Goal: Ph.D. in Computer Engineering



William Hardy
BS - Chemistry
Jackson State Univ-'06
Career Goal: Ph.D. in Chemistry



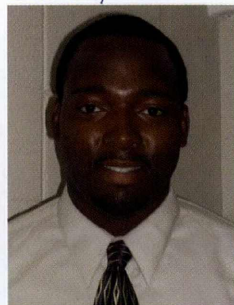
William Johnson
BS - Biology
Jackson State Univ-'06
Career Goal: Ph.D. in Biology



Vyvyca Jones
BS - Chemistry
Jackson State Univ-'05
Career Goal: Ph.D. in Chemistry



Anthony Powell
BS - Biology
Jackson State Univ-'05
Career Goal: Ph.D. in Biology



Kevin Pace
BS - Computer Engineering
Jackson State Univ-'06
Career Goal: Ph.D. in Computer Engineering



Justin Rice
BS - Computer Engineering
Jackson State Univ-'06
Career Goal: Ph.D. in Computer Engineering



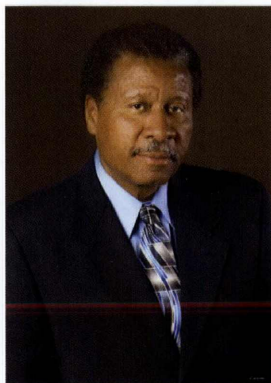
Teadra Robinson
BS - Chemistry
Alcorn State University-'05
Career Goal: Ph.D. in Chemistry



Lungile Sitole
BS - Biology
Jackson State Univ-'05
Career Goal: Ph.D. in Biology



Delphine Woody
BS - Chemistry
Jackson State Univ-'05
Career Goal: Ph.D. in Chemistry



The LSMAMP program has demonstrated that the Bridge to the Doctorate Program has the potential to impact significantly on the number of underrepresented minority students receiving doctoral degrees in STEM areas. Within five years, the National Science Foundation's Bridge to the Doctorate program could yield a fourfold (400%) increase in the number of underrepresented minorities holding Ph.D. degrees.

The Louis Stokes Mississippi Alliance for Minority Participation is honored to be a part of this national program to increase the diversity profile of doctoral recipients in STEM programs.

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

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. The Carnegie Foundation for the Advancement of Teaching has classified NMSU as an RU/H-Research University (high research activity).



Amy E. Fierro, B.S., Biology, New Mexico State University, 2005, Biology. An academic career as a Microbiology professor with research interests in medical microbiology and emerging infectious disease.



Bernadette C. Hernandez, B.S., Mathematics, University of Texas-El Paso, 2006, Applied Mathematics. An academic career as a mathematics professor with government research experience in topology.



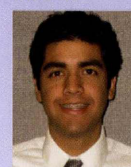
Martha E. Martinez, B.S., Molecular Biology, New Mexico State University, 2006, Molecular Biology. A career in the industrial or governmental setting involving research in molecular biology, specifically molecular genetics, to be later continued as an academic career.



Gilberto Flores, B.S., Physics, New Mexico State University, 2006, Physics. An academic career doing research in particle physics with a focus on neutrino weak interaction and asymmetry in electron scattering.



Alfonso Islas, B.S., Animal Science, New Mexico State University, 2006, Animal Science. An academic career as an animal sciences professor with research interests in animal nutrition.



Gerardo Moreno-Crespo, B.S., Electrical Engineering, New Mexico State University, 2006, Electrical Engineering. An academic career as an Electrical engineer with research interests in MIMO communication systems and information theory.



Felicia Guerrero, B.S., Mechanical Engineering, New Mexico State University, 2006, Mechanical Engineering. A Ph.D. in Nanotechnology investigating new technologies or ideas to improve life.



Ricardo Luna, B.S., Electrical Engineering, New Mexico State University, 2005, Electrical Engineering. Conduct research on microgrids and fuel cells either in a university as a professor or in a national laboratory.



Marvin Shorty, B.S., Chemistry/Biochemistry, Fort Lewis College, Durango, Colorado, 2005, Organic Chemistry. An academic career as a chemistry professor at a tribal college teaching and doing research with underrepresented minority students.



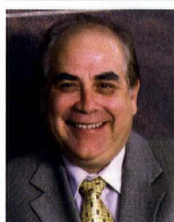
Desarae N. Gutierrez, B.S., Biology/Microbiology, New Mexico State University, 2005, Biology. Career as a microbiology professor with research interests in quantum dot probes and cancer cell research.



Nyree Maes, B.S., Molecular Biology, New Mexico State University, 2005, Molecular Biology. A career in government or industry researching Human Immunodeficiency Virus and working to develop an effective, safe and affordable vaccine.



Francesca Naiomi Tapia, B.S., Chemical Engineering, New Mexico State University, 2006, Chemical Engineering. An academic career as a chemical engineering professor with research interests in adsorption, materials, and kinetics.



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. Jaquez, Ph.D., PE;

New Mexico AMP Administrative Office
MSC 3AMP

New Mexico State University

P.O. Box 30001 • Las Cruces, NM 88003-8001

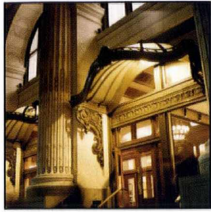
(505) 646-3463

rjaquez@nmsu.edu

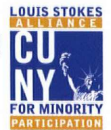
Ph.D., Civil Engineering

Research area: Environmental Engineering with emphasis on application of microbiology to wastewater treatment.

NEW 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.



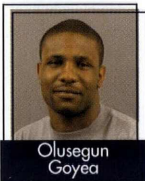
The Graduate Center, The City University of New York • 365 Fifth Avenue, New York, NY 10016
 Bridge to the Doctorate Coordinator at the Graduate Ctr. - **Gail Smith, Acting Assistant Provost**
 212-817-7540 • gsmith@gc.cuny.edu



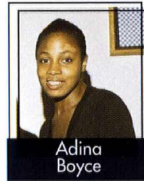
Dr. Neville Parker, NYC LSAMP PI,
 City College • 138th & Convent Ave., Marshak J14, NY, NY 10031
 212-650-8854
 ampcc@ccny.cuny.edu

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.

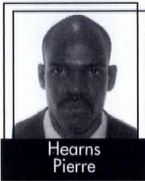
"The Bridge to the Doctorate program will provide the necessary incentive to enable the New York City LSAMP program to build the critical mass needed to remain catalytic, recruiting and retaining top LSAMP Research Scholar graduates to pursue graduate studies through to completion of the Ph.D."



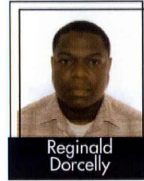
B.E. in Mechanical Engineering
 Borough of Manhattan CC/City College '03
 Graduate Major: Mechanical Engineering
 Career Goal: I am interested in pursuing a Doctoral Degree in Aerospace Engineering



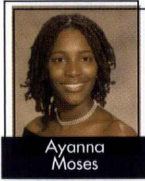
B.E. Civil Engineering
 City College '08
 Graduate Major: Civil Engineering
 Career Goal: Obtain a graduate degree and work internationally.



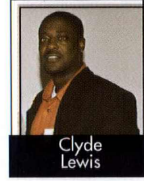
B.S. Mathematics
 Medgar Evers College '07
 Graduate Major: Mathematics
 Career Goal: A career working in Environmental Science and Engineering.



B.S. Mathematics
 Medgar Evers College '08
 Graduate Major: Mathematics
 Career Goal: To become a College Professor.



B.S. Math/Computer Science
 Medgar Evers College '04
 Graduate Major: Chemistry
 Career Goal: Obtain a Doctoral Degree in the area of Material Science.



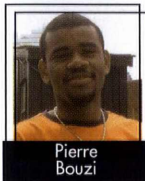
B.S. Mathematics
 Bronx CC/Lehman College '08
 Graduate Major: Mathematics
 Career Goal: Obtain a Doctoral Degree in Mathematics.



B.A. Anthropology
 Hunter College '06
 Graduate Major: Biology
 Career Goal: Obtain a Doctoral Degree in Biological Anthropology.



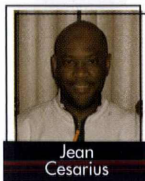
B.S. Mathematics
 Bronx CC/Lehman College '08
 Graduate Major: Mathematics
 Career Goal: Obtain a Doctoral Degree in Mathematics.



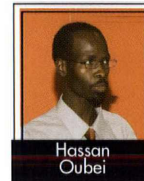
B.E. Electrical Engineering
 City College '08
 Graduate Major: Electrical Engineering
 Career Goal: Obtain a Doctoral Degree in Electrical Engineering.



B.S. Biochemistry
 College of Staten Island '07
 Graduate Major: Biochemistry
 Career Goal: Obtain a Doctoral Degree in Biochemistry



B.S. Mathematics
 York College '07
 Graduate Major: Mathematics
 Career Goal: Obtain a Doctoral Degree in Mathematics and become a Math Professor.



B.E. Electrical Engineering
 York College '07
 Graduate Major: Chemical Engineering
 Career Goal: To become a College Professor.

GREATER PHILADELPHIA REGION LSAMP

Bridge to the Doctorate Program Participants



N. John DiNardo, Ph.D.
Project Director, Central AMP
Vice Provost for Academic Affairs
Drexel University
3141 Chestnut Street
Philadelphia, PA 19104
(215) 895-2200
dinardo@drexel.edu

Philadelphia LSAMP Alliance partners are committed to increase substantially the number of individuals earning baccalaureate and advanced degrees in STEM disciplines. Alliance partners have enjoyed significant success in recruiting and retaining Bridge to the Doctorate fellows over the last four years of the program. The Delaware State University Bridge to the Doctorate program is the newest participant in BD and represents a model partnership between the HBCU and research intensive universities in the Tri-State region.



Mazen Shahin, Ph.D.
Director, Bridge to the Doctorate,
AMP, and HBCU-UP Programs
Professor, Dept. of Mathematics
Delaware State University
1200 N. DuPont Hwy.
Dover, DE 19901
302.857.7055, mshahin@desu.edu



Eric Jamison II
BS-Chemistry/Anthropology
Lincoln University 2006
Graduate Major: Applied Chemistry
Career Goal: Ph.D. in Public Health



Bethany Smith
BS-Biology
South Carolina State University 2006
Graduate Major: Biology
Career Goal: Ph.D. in Structural Biology



Patricia Nugent
BS-Plant Science
Delaware State University 2006
Graduate Major: Biology
Career Goal: MD/Ph.D. in Biology



Anwar Atif
BA-Computer Science
Cheyney University 2005
Graduate Major: Mathematics
Career Goal: Ph.D. in Computer Science



Shannon Davis
BS-Biology
Fort Valley State University 2006
Graduate Major: Neuroscience
Career Goal: Ph.D. in Neuroscience



Antonette Todd
BA-Biology
Cheyney University 2006
Graduate Major: Plant Science
Career Goal: Ph.D. in Gene Expressions



Carmine Leggett
BS-Chemistry
Spelman College 2006
Graduate Major: Applied Chemistry
Career Goal: Ph.D. in Chemistry



Carl Johnson Jr.
BS-Chemistry
Lincoln University 2006
Graduate Major: Applied Chemistry
Career Goal: Ph.D. in Pharmacology



Michline Brice
BA-Biology
Cheyney University 2006
Graduate Major: Biology
Career Goal: MD/ Ph.D. in Biology



Alma Blassengale
BS-Chemistry
Temple University 2006
Graduate Major: Chemistry
Career Goal: Ph.D. in Analytical Chemistry



Bolatito Ajayi
BA-Biology/Chemistry
Cheyney University 2006
Graduate Major: Applied Chemistry
Career Goal: MD/ Ph.D. Pharmacology



Sami Atif
BS-Mathematics Education
Cheyney University 2006
Graduate Major: Mathematics
Career Goal: Ph.D. in Applied Mathematics



Alicia Revis Mangum
BS-Environmental Science
Delaware State University 2005
Graduate Major: Natural Resources
Career Goal: Ph.D. in Toxicology

Delaware State University (DSU) is an 1890 land-grant institution, which has evolved into a fully accredited public comprehensive university focused on quality teaching, faculty research involving students, and outreach to underserved populations. Today DSU enrolls a diverse population of 3,500 students, about 10% of whom are graduate students. From DSU, the Bridge Program leads into prestigious Ph.D. programs, such as those at Greater Philadelphia LSAMP institutions, Carnegie Mellon Univ., Princeton Univ., the University of Chicago, and the University of Washington.



Louis Stokes Alliance for Minority Participation Cohort IV Bridge to the Doctorate Fellows



Through the Bridge-to-the-Doctorate Program, PR-LSAMP has awarded a total of 46 fellowships to former PR-LSAMP undergraduate STEM students for their first two years of graduate studies. This year we conducted the first external evaluation on the academic progress of Cohort I (2003) and results showed that Fellows outperformed their peers in all categories; the average number of credits completed was substantially higher; publications were greater; presentations of research projects in national scientific conferences were nearly doubled, and first time passing grades on qualifying exams was much higher. The BD Program has indeed proved to be very successful in helping students achieve academic excellence while pursuing their doctoral studies"

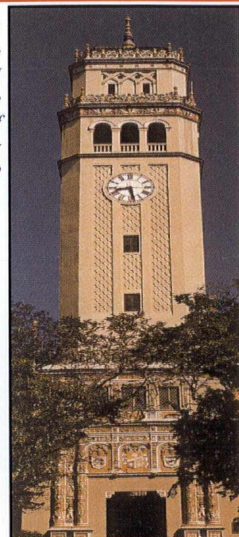
Dr. Manuel Gomez, PI

Bridge-to-the-Doctorate Coordinator

Prof. Javier Figueroa is the Assistant Coordinator of the PR-LSAMP Program and the BDP 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



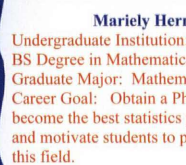
The University of Puerto Rico at Río Piedras (UPR-Río Piedras) is the flagship institution of the Island's public higher education system. Located in the San Juan metropolitan area, UPR-Río Piedras enrolls almost 18,000 undergraduate students and over 3,000 graduate students. The large majority of students, 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.



Pamela Vallejo
Undergraduate Institution: UPR-Río Piedras
BS Degree in Physics (2006)
Graduate Major: Chemistry
Career Goal: Complete a Ph.D. and pursue research in material science working specifically with photoluminescent properties of silicon nanoparticles.



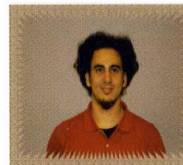
Grisel Hernandez
Undergraduate Institution: UPR-Río Piedras
BS Degree in Chemistry (2006)
Graduate Major: Chemistry
Career Goal: Obtain a Ph.D. in organic chemistry and continue research either in the academia or the industry.



Mariely Hernandez
Undergraduate Institution: UPR-Cayey
BS Degree in Mathematics(2006)
Graduate Major: Mathematics
Career Goal: Obtain a Ph.D. in this area to become the best statistics professor ever, and motivate students to pursue studies in this field.



Pablo Hernandez
Undergraduate Institution: UPR-Río Piedras
BS Degree in Biology (2004)
Graduate Major: Biology
Career Goal: Obtain my Ph.D. and continue post-doctoral studies to be better prepared for an academic position as a professor and researcher.



Edward Aviles
Undergraduate Institution: UPR-Río Piedras
BS Degree in Chemistry (2006)
Graduate Major: Analytical Chemistry
Career Goal: Specialize in nanotechnology focusing in subnanostructuring of catalyst for direct methanol fuel cell in order to find alternatives for sources of energy.



Francheska Ruiz
Undergraduate Institution: UPR-Humacao
BS Degree in Biology-Wild Life Mgmt (2006)
Graduate Major: Ecology
Career Goal: Obtain my Ph.D. and continue to do research in Environmental Biology and Conservation with an interdisciplinary approach.



Maria del Mar Garcia
Undergraduate Institution: UPR-Río Piedras
BS Degree in Chemistry (2006)
Graduate Major: Analytical Chemistry
Career Goal: Obtain a Ph.D., enhance my knowledge in Biotechnology and contribute to the development of biosensors and devices to improve the quality of life.



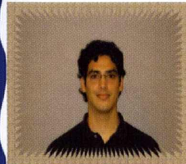
Ivan Lopez
Undergraduate Institution: UPR-Río Piedras
BS Degree in Physics (2006)
Graduate Major: Physics
Career Goal: Obtain a high quality education while engaging in productive research projects, to become a professor and researcher.



Jesuan Betancourt
Undergraduate Institution: UPR-Río Piedras
BS Degree in Physics (2006)
Graduate Major: Chemical Physics
Career Goal: Complete my Ph.D., continue my research and become a college professor.



Fernando Piñero
Undergraduate Institution: UPR-Río Piedras
BS Degree in Mathematics (2006)
Graduate Major: Mathematics
Career Goal: Become a professional mathematician and work in the application of algebra to real-world problems.



Barbara Casañas
Undergraduate Institution: UPR-
BS Degree in Chemistry (2006)
Graduate Major: Inorganic Chemistry
Career Goal: Obtain a Ph.D. in Inorganic Chemistry and become a researcher.



Yanira Enriquez
Undergraduate Institution: UPR-Río Piedras
BS Degree in Chemistry (2006)
Graduate Major: Analytical Chemistry
Career Goal: Work in the pharmaceutical industry doing characterization, analysis and structural determinations of biological compounds. Becoming a college professor is also part of my career plans.





State University of New York (SUNY) LSAMP Bridge to the Doctorate Cohort 1 at Stony Brook University

The first SUNY LSAMP Bridge to the Doctorate took place this year at the Stony Brook campus. The program has:

- Increased the visibility of SUNY LSAMP especially with graduate STEM departments.
- Provided a way to bring in new talented academically strong LSAMP students to STEM graduate programs.
- Provided new opportunities for SUNY LSAMP and SUNY AGEP to work together to bring more LSAMP undergraduates into the STEM doctoral pool.

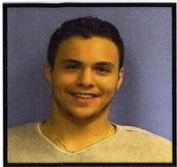
Bridge to the Doctorate Students: History, Current Major and Career Goals



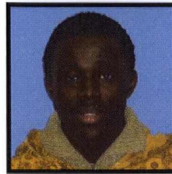
Alberto Alvarado
B.S. Coastal Marine Biology
U. of Puerto Rico-Humacao 2000
Ecology and Evolution
Professor specializing in marine conservation



Milton Jackson
B.E. Electrical Engineering
Stony Brook University 1995
Electrical Engineering
Professor/Researcher



William Caraballo
B.E. Electrical Engineering
CUNY City College 2006
Electrical Engineering
Professor/ Researcher in Digital Signal Processing



Vincent Koomson
B.E. Mechanical Engineering
SUNY Buffalo 2006
Mechanical Engineering
Industry Researcher



Enixy Collado
B.S. Coastal Marine Biology
U. of Puerto Rico-Humacao 2003
Marine Sciences
Professor/Researcher in Oceanography/ Latino outreach



Hannah Odunaiya
B.S. Psychobiology
SUNY Binghamton 2006
Physiology and Biophysics
Professor at a major University



Tracey Evans
Chemistry
SUNY Old Westbury 2004
Marine Sciences
Professor/Researcher at University or major research laboratory



Inefta Reid
B. S. Biology
CUNY Medger Evers College 2006
Physiology and Biophysics
Professor/Outreach to UREP students



Shayri Greenwood
B.S. Biology/Neuroscience
Stony Brook University 2006
Biopsychology/Neuroscience
Researcher on Epilepsy



Manuel Rivera
B.S. Cell and Molecular Biology
Universidad Metropolitana 2001
Computer Science
Researcher in private sector



Andrew Henry
B.S. Engineering Chemistry
Stony Brook University 2006
Materials Science
Industry then Professor



Pierre Xavier
B.E. Electrical Engineering
Stony Brook University 2006
Electrical Engineering
Industrial Researcher

Stony Brook University, part of the State University of New York System, is on Long Island, 60 miles from New York City. Stony Brook is recognized as one of the nation's finest public research universities and one of the best science universities globally. It is among the top 50 institutions funded by the National Science Foundation. Stony Brook's graduate programs receive exceptionally high ratings from external evaluation agencies. Stony Brook is deeply committed to the recruitment, retention and success of diverse students in its competitive graduate programs.



Dr. David Ferguson
SUNY LSAMP
Project Director



Ms. Lucy Gluck
BD Site
Coordinator

345a Harriman Hall, Stony Brook University
Stony Brook, New York 11794-3760
631-632-9988 Lucille.Gluck@Stonybrook.edu

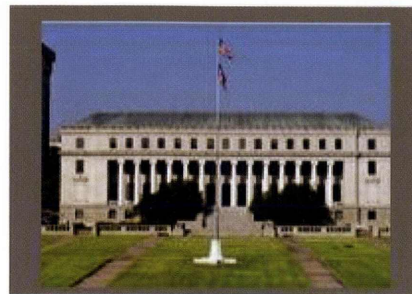


Texas A&M University System (TAMUS) Louis Stokes Alliance for Minority Participation

Bridge to the Doctorate



Texas A&M University (TAMU) opened in 1876, as the first public institution of higher education in Texas. TAMU is a land, -sea and space-grant institution reflecting a broad scope of research endeavors,



and an enrollment of approximately 44,000 students, with master's and doctoral degrees in over 125 fields of study. The Dwight Look College of Engineering, which hosts the Bridge to the Doctorate Program, offers 14 doctoral programs.

Dr. Karan L. Watson, PI



"Excellence, leadership and diversity are goals common to the Texas A&M University 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, in academic and in industry."



Shamon D. Henderson

BTD Coordinator
218 Wisenbaker,
3405 TAMU
(979) 863-4315
shannon@tamu.edu
Ph.D. Candidate,
Interdisciplinary Engr.
(Engr Education focus)



LaToya C. Anderson

B.S., Applied Math Sciences, 2005
TAMU
Industrial Engineering
Career Goal: "Engineering is a male dominated field. I want to continue adding to the legacy, showing women that they too can go into such a field and succeed. I look forward to working in consulting, project management, supply chain, or operations research at a major corporation."



Andron Creary

B.S., Mechanical Engineering, 2006
Florida State University
Mechanical Engineering
Career Goal: "I am planning to become a professor specializing in Dynamics and Material Science. Specifically, I would like to use this background to design several types of meso-scale devices for the use in small scale power systems."



Chinedu Ezeka

B.S., Mechanical Engineering, 2006
Prairie View A&M
Mechanical Engineering
Career Goal: "I want to pursue a PhD and continue my career in academia or industry. Later, I'd like to broaden my horizon into other areas of engineering."



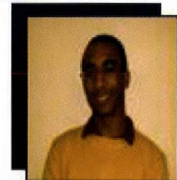
John Flores-McLaughlin

B.S., Nuclear Engineering, 2006
TAMU
Nuclear Engineering
Career Goal: "I have a high ethical interest in nuclear physics and/or radiation in medicine. I wish to apply my acquired programming and mathematical modeling knowledge in engineering to the field of medicine and medical physics."



Eyleen Hernandez

B.S., Industrial Engr., 2006
University of Florida
Industrial Engineering
Career Goal: "Upon degree completion, I look forward to using my academic and industry training for the opportunity to work for the U.S. Government."



Justin Jackson

B.S., Maritime Systems Engr., 2006
TAMU - Galveston
Aviation Engineering
Career Goal: "After my Master's, I anticipate completing an internship to exercise the expertise afforded through my education. Afterwards, I will likely continue my education in the areas of stability and control."



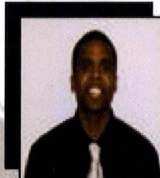
Maya Johnson

B.S., Mathematics, 2006
Lincoln University
Applied Mathematics
Career Goal: "I would like to research the combined area of Mathematics and Atmospheric sciences. Specifically, I want to work for the government designing mathematical models of weather patterns and phenomena, to better predict when these events will take place."



Marcos Lopez

B.S., Electrical Engr., 2006
Univ of Puerto Rico,
Mayaguez
Electrical Engineering
Career Goal: "The opportunity to perform research and be involved in various projects has made the researcher profession more appealing. My full-time aspirations will more than likely lead me towards the pursuit of a doctorate."



Ivory Mayhorn III

B.S., Computer Science, 2003
Prairie View A&M
Computer Engineering
Career Goal: "Upon completing my Master's, I will pursue a PhD in Computer Science with the premise of opening a community center in north east Houston to provide life skills such as plumbing, electricity, computer skills, etc."



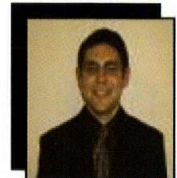
Jean Njoroge

B.S., Chemical Engineering, 2006
Prairie View A&M
Chemical Science & Engr.
Career Goal: "To obtain an advanced degree with the aim of gaining academic knowledge and experience necessary to become a reflexive researcher, that will put me at the forefront with the state of the art technology."



Aracely Rocha

B.S., Mechanical Engr., 2006
Univ of Texas - Pan America
Mechanical Engineering
Career Goal: "To pursue a doctorate in mechanical engineering, focusing on biomaterials. I desire to become a professor at a university with a high minority population and encourage students to pursue a higher education."



Jacob Torres

B.S., Civil Engineering, 2006
TAMU
Civil Engineering
Career Goal: "As a result of BTD, I see continuing as a PhD student within realistic grasp. I'm interested in practicing as an industry professional and earning my P.E. license. Although the more I learn, the more I have an urge to teach it to others."

Statement from Principal Investigator, Dr. Freeman A. Hrabowski, III

The Bridge to the Doctorate (BD) Fellowship Program 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 elements. We are proud of our second cohort of BD Fellows enrolled at the University of Maryland, College Park. Also, we are both pleased and proud that our first cohort of BD Fellows is thriving in their second year of graduate study at the University of Maryland, Baltimore County.



University of Maryland, College Park (UMCP). UMCP is a public research university, the flagship campus of the University System of Maryland, and the original 1862 land-grant institution in Maryland. The University advances knowledge, provides outstanding and innovative instruction, and nourishes a climate of intellectual growth in a broad

range of academic disciplines and interdisciplinary fields.



Jerri Drummond, Ph.D.
 BD Coordinator, College of Computer, Mathematical and Physical Sciences
 301-405-2331, jdrummon@umd.edu.
 Degree: Student Affairs Administration and Research University of Iowa.
 Research areas: STEM graduate students, faculty-student interactions, and African American students' experiences with good practices in student affairs.



Daniel Chenet
 B.S. '06, Mechanical Engineering, UMCP. Graduate major: Mechanical Engineering. Career goal is to serve in a research position at a university or research medical center.



Alexis Cornish
 B.S. '06, Physics & Astronomy, UMCP. Graduate major: Astronomy. Career goal is to work as a research scientist in industry.



Adakou Foli
 B.S. '06, Electrical Engineering, UMCP. Graduate major: Electrical Engineering. Career goal is to work in the semiconductor industry or pursue a Ph.D.



Regina Gill
 B.S. '03, Agriculture, Florida A&M University. Graduate major: Nutrition. Career goal is to be a nutritionist for USDA/FDA or an educator.



Ayanah George
 B.S. '06, Electrical Engineering, Florida State University. Graduate major: Electrical Engineering. Career goal is to apply electrical engineering to other fields.



Jamie Meeroff
 B.S. '06, Aerospace Engineering, UMCP. Graduate major: Aerospace Engineering. Career goal is to work with hypersonic air breathing technologies.



Adrienne Norwood
 B.S. '06, Mathematics, University of Maryland, Baltimore County. Graduate major: Applied Mathematics. Career goal is to develop oceanic modeling for industry.



A. Renee Siler
 B.S. '06, Chemistry, Spelman College. Graduate major: Analytical/Physical Chemistry. Career goal is to work as an analytical chemist in industry and eventually own a lab.



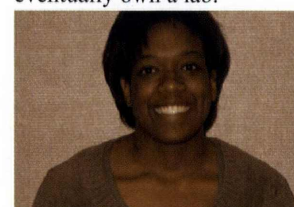
Jacqueline Smith
 B.S. '06, Chemistry, UMCP. Graduate major: Chemistry. Career goal is to obtain an executive position in a pharmaceutical company.



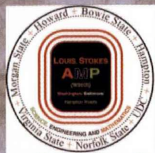
Lie' Ann Van-Tull
 B.S. '06, Environmental Science, University of Maryland, Baltimore County. Graduate major: Aquatic Ecology. Career goal is to go into academia or private industry.



Jhacova Williams
 B.S. '06, Mathematics, Xavier University of New Orleans. Graduate major: Applied Mathematics. Career goal is to become a professor.



Shelby Wilson
 B.S. '06, Mathematics, Spelman College. Graduate major: Applied Mathematics. Career goal is to become a professor.



Washington Baltimore Hampton Roads-Louis Stokes Alliance for Minority Participation (WBHR-LSAMP)



"The WBHR-LSAMP consists of seven partner institutions including Bowie State University, Hampton University, Howard University, Morgan State University, Norfolk State University, the University of the District of Columbia and Virginia State University. The Bridge to the Doctorate 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. It is a Research Extensive Institution and a Carnegie Level I Research Institution. Howard is one of two Ph.D. granting institutions in our Alliance and its graduate school offers Doctoral degrees in 16 STEM fields.



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

BRIDGE TO THE DOCTORATE STUDENTS Academic Year 2006-2007



Ashley Comer
University of Maryland, Eastern Shore
B.S. Biological Sciences, 2006
Graduate Major: Nutritional Sciences
Career Goal: To examine the nutritional effects of epidemic diseases, such as obesity and hypertension, and their long-term effects on bodily systems.



Duane T. Doles
Univ. of the District of Columbia
B.S. Physics, 2006
Graduate Major: Physics
Career Goal: To conduct research in high energy physics and mentor the next generation of scientists.



Belinda R. Hauser
University of Maryland, Eastern Shore
B.S. Biological Sciences, 2006
Graduate Major: Human Genetics
Career Goal: To conduct research in genetic disorders.



John H. Johnson
Texas A&M University
B.S. Mathematics, 2005
Graduate Major: Mathematics
Career Goal: To conduct research and become a university professor.



Chiamaka Kalu
Clafin University
B.S. Biological Sciences, 2004
Graduate Major: Pharmacology
Career Goal: To conduct research and assist in the cure for breast cancer.



Peter McCalla
Morgan State University
B.S. Mathematics, 2006
Graduate Major: Mathematics
Career Goal: To conduct research in mathematics.

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Headley Murray
Howard University
B.S. Systems and Computer Science, 2006
Graduate Major: Computer Science
Career Goal: To become a leading researcher in artificial intelligence machines.

Tia Feaster
University of Maryland, Baltimore County
B.S. Biological Sciences, 2003
Graduate Major: Anatomy
Career Goal: To pursue a research career in neurobiology.

Moses Ukaoma
Howard University
B.S. Chemical Engineering, 2006
Graduate Major: Chemical Engineering
Career Goal: To conduct investigative research in biomedical engineering and eventually set up a biomedical engineering company.

William R. Walker III
Stillman College
B.S. Mathematics, 2004
Graduate Major: Mathematics
Career Goal: To become a university professor.

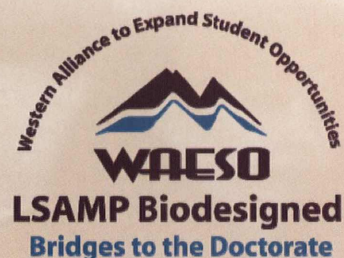
Joseph Williams, Jr.
Miles College
B.S. Chemistry, 2006
Graduate Major: Chemistry
Career Goal: To become a university professor.

Justin Wilson
Howard University
B.S. Biological Sciences, 2005
Graduate Major: Physiology and Biophysics
Career Goal: To become a university professor.



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:* Artificial Photosynthesis, Supramolecular Chemistry, 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.



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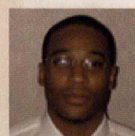
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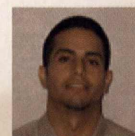
9.



10.



11.



12.

1.) NAME: Carlos Castillo-Garsow; **Undergraduate Degree:** B.S.; **Undergraduate Major:** Biometry and Statistics; **Institution:** Cornell University; **Year of Degree:** 2003; **Graduate School Major:** Mathematics; **Career Goal:** Undergraduate Mathematics Instruction & Research **2.) Odalys Colon-Rentas;** B.S.; Mathematics; University of Puerto Rico at Cayey; 2006; Mathematics; Ph.D. in Statistics **3.) Ricardo J. Cordero Soto;** B.A.; Mathematics; Universidad Metropolitana; 2006; Mathematics; Ph.D. in Mathematics (Differential Geometry and Analysis) **4.) Lissette LaPlace;** B.S.; Mathematics; University of the Virgin Islands; 2006; Mathematics; Work in Industry/Research for Federal Government **5.) Raquel López;** B.S.; Mathematics; University of the Pacific; 2005; Mathematics; Ph.D. in Mathematical Biology **6.) Helene Nehrebecki;** B.A.; Mathematics; Sonoma State University; 2003; Mathematics; College Professor/Instructor **7.) Loan M. Nguyen;** B.S.; Mathematics; Arizona State University; 2007; Mathematics; Ph.D. in Applied Mathematics **8.) Daniel Rios-Doria;** B.S.; Mathematics; CUNY-College of Staten Island; 2006; Mathematics; Ph.D. in Applied Mathematics **9.) Miguel A. Sanchez;** B.S.; Mathematics; Arizona State University; 2007; Mathematics; Ph.D. in Mathematics/Professor **10.) Carlos Torre;** B.S.; Mechanical and Aerospace Engineering; Cornell University; 2002; Mathematics; Ph.D. in Mathematics **11.) Telpriore G. Tucker;** B.S.; Chemistry; Tennessee State University; 2006; Chemistry; Ph.D. in Chemistry/Post Doctoral Research with DOE **12.) José M. Vega-Guzmán;** B.A.; Secondary Education-Mathematics; University of Puerto Rico at Cayey; 2005; Mathematics; Ph.D. in Applied Mathematics

Bridge to the Doctorate Cohort III Participants

Alabama – The University of Alabama at Birmingham

Michael Burks, Jr., B.S., Computer Science, Alabama State University, 2005, Computer and Information Sciences
Sheritta Cooks, B.S., Biology and Chemistry, Tuskegee University, 2005, Chemistry
Ajai Cribbs, B.S., Mathematics, University of Alabama in Huntsville, 2005, Mathematics
Mellany George, B.S., Fiber Engineering, Auburn University, 2005, Materials Engineering
Hadiyah-Nicole Green, B.S., Physics, Alabama A&M University, 2003, Lasers/Biophysics
Christophe Jackson, B.A./B.S., Music/Chemistry, University of Alabama at Birmingham, 2003, Biology
Christopher Lindsey, B.S., Electrical Engineering, Tuskegee University, 2005, Electrical Engineering
Aqueasha Martin, B.S., Computer Science, Tougaloo College, 2005, Computer Science
Hugh Percy, B.S., Computer Science, Oakwood College, 2001, Computer Science
Amanda Plain, B.S., Chemistry, University of Alabama at Birmingham, 2006, Organic Chemistry
Stephanie Watson, B.S., Civil Engineering, Lawrence Technological University, 2005, Civil Engineering

California LSAMP – University of California, San Diego

Anthony Farina, B.S., Biochemistry, UC Riverside, 2005, Biochemistry
Alicia Gamez, B.S., Chemistry, CSU Pomona, 2004, Biochemistry
Pablo Garcia-Reynaga, B.S./B.A., Chemistry/Comparative Literature, 2005, Organic Chemistry
James Marshel, B.A., Molecular and Cellular Biology and Psychology, University of California, Berkeley, 2005, Neurosciences
Kristina Pohaku, B.S., Chemistry, University of California, Santa Barbara, 2003, Chemistry
Manuel Ruidiaz, B.S., Computer Engineering and Molecular Biology, University of California, San Diego, 2005, Photonics
Esmeralda Ruiz, B.S., Biological Sciences, University of California, Irvine, 1998, Biomedical Sciences
Segio Sandoval, B.S., Chemical Engineering, University of California, Irvine, 2003, Bioengineering
Moses Tataw, B.S., Computer Science, University of California, Riverside, 2005, Computer Science and Engineering
Roberto Tinoco, B.S., Neurobiology, University of California, Irvine, 2005, Biology
Melanie Zauscher, B.S., Environmental Chemistry, University of San Diego, 2003, Mechanical Engineering

California State University LSAMP – California State University, Los Angeles

Jose Amenero, B.S., Electrical Engineering, University of California, Santa Barbara, 2001, Computer Science
Cynthia Carrion, B.S., Marine Biology, University of California, Los Angeles, 2005, Biological Sciences
Victor M. Galvan, B.S., Biological Science, California State University, Fullerton, 2005, Biological Sciences
Eduardo Gonzalez, B.S., Electrical Engineering, University of California, Santa Barbara, 2005, Electrical Engineering
Vanessa Gonzalez, B.S., Marine Biology, University of California, Los Angeles, 2005, Biological Sciences
Carlos Hernandez, B.S., Biochemistry, University of California, Los Angeles, 2005, Chemistry
Carlos Ibarra, B.S., Pure Mathematics, University of California, San Bernardino, 2005, Pure Mathematics
Grace I. Aldana Masangkay, B.S., Biochemistry, California State University, Los Angeles, 2005, Chemistry

Marysol Garcia-Navarro, B.S., Microbiology, California State University, Los Angeles, 2004, Microbiology
Lucinda Robledo, B.S., Applied and Computational Mathematics, San Jose State University, 2005, Applied Mathematics
Gilson Sanchez, B.S., Biology, University of California, Riverside, 2004, Biological Sciences
Angela Lucia Venegas, B.S., Psychobiology, University of California, Irvine, 2005, Biological Sciences
Renee T. Williams, B.S., Chemistry, University of California Irvine, 2002, Chemistry

Florida/Georgia LSAMP – University of South Florida

Natasha Cover, B.S., Biology, Virginia Union University, 2006, Biomedical Engineering
Erica Echols, B.S., Chemistry, North Carolina A&T State University, 2005, Chemical Oceanography
Luz Raquel Hernandez-Cruz, B.S., Marine Biology, University of Puerto Rico-Humaco, 2002, Physical Oceanography
Dorothy Jackson, B.S., Biomedical Engineering, University of Miami, 2005, Biomedical Engineering
Henry La Rosa, B.S., Electrical Engineering, University of South Florida, 2005, Electrical Engineering
Luis Diego Miranda, B.S., Chemistry, Florida A&M University, 2003, Chemical Oceanography
Javier Pulecio, B.S., Computer Engineering, University of South Florida, 2005, Electrical Engineering
Luis Rivera, B.S., Chemical Engineering, University of Puerto Rico Mayaguez, 2003, Chemical Engineering
Victoria Roberts, B.S., Mathematics, Florida A&M University, 2004, Physical Oceanography
Karyna Rosario-Cora, B.S., Industrial Microbiology, University of Puerto Rico Mayaguez, 2002, Biological Oceanography
Phaedra Thomas, B.S., Biology, Albany State University, 2005, Biology
Nicole Williams, B.S., Biology, Florida A&M University, 2006, Biomedical Engineering

Illinois LSAMP - Southern Illinois University Carbondale

Levenia A. Baker, B.S., Chemistry, Alcorn State University, 2005, Molecular, Cellular and Systemic Physiology
Angela L. Bolling, B.S., Mechanical Engineering, Southern Illinois University Edwardsville, 2005, Mechanical Engineering
Harriet C. Crockett, B.S., Biology, Alcorn State University, 2005, Molecular, Cellular and Systemic Physiology
Deidra O. Felton, B.S., Food and Nutritional Sciences, North Carolina State University, 2004, Animal Science
Nina K. Hickland, B.S., Electrical Engineering, Southern Illinois University Carbondale, 2005, Electrical Engineering
Nastassia N. Jones, B.S., Biology, Albany State University, 2005, Molecular Biology, Microbiology and Biochemistry
Alex D. Meredith, B.A., Agricultural Business, Delaware State University, 2004, Agricultural Sciences
Lola B. Olufemi, B.S., Biology, DePaul University, 2004, Molecular Biology, Microbiology and Biochemistry
Eboni M. Perkins, B.S., Chemistry, Chicago State University, 2004, Organic Chemistry
Earlene L. Thompson, B.S., Computer Science, Jackson State University, 2005, Computer Science
Jesse D. Vargas, B.S., Chemistry and Biology, University of California Irvine, 2002, Molecular, Cellular and Systemic Physiology
Robert J. Walker, B.S., Biochemistry, Alcorn State University, 2005, Geology, Molecular, Cellular and Systemic Physiology

Louisiana LSAMP – Louisiana State University

Adeyabeba Abera, B.S., Electrical Engineering, Virginia Polytechnic Institute and State University, 2004, Electrical Engineering
Luis Alvergue, B.S., Electrical Engineering, McNeese State University, 2004, Electrical Engineering

Marietta Boisdoré, B.S., Electrical Engineering, Southern University at New Orleans, 2005, Biological Sciences
Leroy Davis, B.S., Biological Sciences, Southern University and A&M College, 1996, Biological Sciences
Charisma Edwards, B.S., Electrical Engineering, Clark Atlanta University, 2004, Electrical Engineering
Ayesha Henderson, B.S., Biological Sciences, Southern University and A&M College, 2004, Cellular/Molecular Biology
Leonard Moore, Jr., B.S., Chemistry and Physics, Grambling State University, 2004, Chemistry
Monica Sylvain, B.S., Chemical Engineering, Howard University, 1990, Chemistry
Kandace Thomas, B.S., Chemistry, Southern University and A&M College, 2005, Chemistry
Jeffrey West, B.S., Physics and Microbiology, Northwestern University/Louisiana State University, 1995/1997, Immunology
Ursula White, B.S., Biological Sciences, Louisiana State University, 2004, Biological Sciences

Mississippi LSAMP – Jackson State University

Tisha Brown, B.S., Computer Science, Mississippi Valley State University, 2005, Computer Science
Kirbie Clark, B.S., Biology, University of Southern Mississippi, 2005, Biology
William Clay, B.S., Mathematics, Mississippi Valley State University, 2005, Mathematics
Ashley Davis, B.S., Biology, Jackson State University, 2005, Biology
Sammie Haile, B.S., Biology, Jackson State University, 2005, Biology
Nancy Nkawanma, B.S., Biology, Florida A&M University, 2005, Biology
Canelda Perry, B.S., Biology, Jackson State University, 2005, Biology
Justin Smith, B.S., Chemistry, Dillard University, 2005, Chemistry
Shamorie Travis, B.S., Computer Science, Mississippi Valley State University, 2005, Computer Science
Derrick White, B.S., Biology, Jackson State University, 2005, Chemistry
Crystal Winger, B.S., Computer Engineering, Jackson State University, 2005, Computer Engineering
Jelani Zarif, B.S., Biology, Jackson State University, 2005, Biology

New Mexico LSAMP – New Mexico State University

Matthew J. Berry, B.S., Electrical Engineering, New Mexico State University, 2004, Electrical Engineering
Andrew Y. Blackman, B.S., Mechanical Engineering, New Mexico State University, 2004, Industrial Engineering
Veronica V. Bunn, B.S., Engineering Technology, New Mexico State University, 2006, Computer Science
Angelica Chacon, B.S., Engineering Technology, New Mexico State University, 2005, Electrical Engineering
Javier Cerna, Jr., B.S., Electrical and Computer Engineering, New Mexico State University, 2004, Electrical/Computer Engineering
Andrea Chavez, B.S., Civil Engineering, New Mexico State University, 2006, Civil Engineering
Alfredo Juarez, B.S., Mechanical Engineering, New Mexico State University, 2005, Mechanical Engineering
Jeremy Pena, B.S., Mechanical Engineering, New Mexico State University, 2006, Mechanical Engineering
Phillip Rivera, B.S., Chemistry, New Mexico State University, 2005, Chemistry
Brady J. Rocks, B.S., Mathematics, New Mexico State University, 2005, Mathematics
Jose A. Solis, B.S., Civil Engineering, New Mexico State University, 2005, Civil Engineering
Rosie G. Talamantez, B.S., Industrial Engineering, New Mexico State University, 2005, Industrial Engineering

New York City LSAMP – City University of New York

Robin Walker, B.S., Medgar Evers College, 2004, Biology

Roxanne Rivera, B.A., Anthropology, Lehman College, 2005, Anthropology

Silmilly Toribio, B.S., Biochemistry, City College, 2006, Biochemistry

Inefta Reid, B.S., Biology, Medgar Evers College, 2006, Biology

Diana Ramroop, B.S., Biology, Queens College, 2006, Biology

Jonathan Blaize, B.S., Biology, College of Staten Island, 2005, Biology

Carlos Silvera Batista, B.E., Chemical Engineering, City College, 2006, Chemical Engineering

Clifford Bishop, B.S., Computer Science, City College, 2006, Computer Science

Jose Perez, B.S., Computer Science, City College, 2006, Computer Science

Katherine Shirley, B.S., Computer Science, Lehman College, 2006, Computer Science

Dorian Flores, B.S., Geology, York College, 2006, Geology

Thierry Desrosiers, B.S., Mathematics, New York City College of Technology, 2006, Mathematics

Rafia Vitalis, B.S., Mathematics, Lehman College, 2006, Public Health/Epidemiology

Yisa Rumala, B.S., Physics, York College, 2006, Physics

North Carolina LSAMP - North Carolina Central University

Regis Fouti, B.S., Chemistry, North Carolina Central University, 2005, Chemistry

Selena Johnson, B.S., Chemistry, North Carolina Central University, 2000, Chemistry

Wanida Lewis, B.S., Chemistry, St. Augustine College, 2005, Chemistry

Benjamin Mogesa, B.S., North Carolina Central University, 2005, Chemistry

Aja Moore, B.S., Chemistry, North Carolina Central University, 2004, Chemistry

Candice Morrison, B.S., Environmental Science, North Carolina Central University, 2005, Environmental Science

Peter Muriuki, B.S., Environmental Science, North Carolina Central University, 2004, Earth Science

Merton Pajibo, B.S., North Carolina Central University, 2002, Chemistry

Tamara Spivey, B.A., Geography/Earth Science, 2005, Geography/Earth Science

Nicole Strong, B.S., Biology, South Carolina State University, 2005, Biology

James Trice, B.S., Biology, North Carolina Central University, 2005, Biology

Josette Wilkes, B.S., Computer Science, North Carolina A&T State University, 2005, Information Technology

Oklahoma LSAMP – University of Oklahoma

Jacob Henderson, B.S., Computer Engineering, The University of Oklahoma, Computer Engineering

Steven Harris, B.S., Chemistry, Langston University, Chemistry

Desmond Harvey, B.S., Langston University, Chemistry

Quinton Hughes, B.S., Industrial Engineering, The University of Oklahoma, Industrial Engineering

Kevin James, B.S., Electrical/Computer Engineering, Southern University and A&M College, Electrical/Computer Engineering

Shawn McCarroll, B.S., Computer Science, The University of Oklahoma, Computer Science

Marshall McCutchen, B.S., Biological Science, East Central University, Physics
Israel Osisanya, B.S., Petroleum Engineering, The University of Oklahoma, Engineering
Marquita Rowland, Biology, Langston University, Biology
William Vazquez, B.S., Mathematics, Cameron University, Mathematics
T'Aire D. Wallace, B.S., Microbiology, Langston University, Microbiology
Heath Work, B.S., Bioengineering, The University of Oklahoma, Bioengineering

Philadelphia LSAMP – Drexel University

Tamika Avery, B.S., Chemical Engineering, Drexel University, 2005, Chemical Engineering
Quincy Brown, B.S., Electrical Engineering, North Carolina A&T State University, 1995, Computer Science
Jorge Capurro, B.S., Mechanical Engineering, Drexel University, 2005, Mechanical Engineering
David Delaine, B.S., Electrical Engineering, Northeastern University, 2005, Electrical Engineering
Lenora Felder, B.A., Biology, Cheyney University of Pennsylvania, 2005, Electrical Engineering
Steven Jones, B.A., Neuroscience, Temple University, 2001, Neuroscience
Samuel Laurencin, B.S., Chemical Engineering, Drexel University, 2005, Biochemical Engineering
Angel Lucena, B.S., Biological Sciences, Drexel University, 2005, Biological Sciences
Rafael Mulero III, B.S., Mechanical Engineering, Drexel University, 2005, Mechanical Engineering
Yolanda Williams-Bey, B.A., Biology, Cheyney University of Pennsylvania, 2004, Biological Sciences
Donald Williamson, B.S., Electrical Engineering, University of Delaware, 2005, Mechanical Engineering
Non Yok, B.S., Electrical Engineering, Drexel University, 2005, Electrical Engineering

Puerto Rico LSAMP – University of Puerto Rico – Rio Piedras

Felix Araujo, B.S., Biology, University of Puerto Rico-Rio Piedras, 2005, Molecular Evolution
Sofia Burgos, B.S., Marine Science, University of Puerto Rico-Humacao, 2005, Coastal Marine Biology
Enid Contes, B.S., Chemistry, University of Puerto Rico-Rio Piedras, 2005, Chemistry
Yisaira Diaz, B.S., Chemistry, University of Puerto Rico-Humacao, 2005, Physical Chemistry
Giselle Flores, B.S., Biology, University of Puerto Rico-Rio Piedras, 2005, Biochemistry
Jose A. Gonzalez, B.S., Biology, University of Puerto Rico-Aguadilla, 2005, Molecular Biology
Ana V. Longo, B.S., Biology, University of Puerto Rico-Rio Piedras, 2005, Population Biology
Yazmin Martinez, B.S., Physics, University of Puerto Rico-Rio Piedras, 2005, Physics
Pamela Medina, B.S., Biology, University of Puerto Rico-Rio Piedras, 2005, Biology
Manuel Rivera, B.S., Physics, University of Puerto Rico-Rio Piedras, 2005, Physics
Francisco Sola, B.S., Physics, University of Puerto Rico-Rio Piedras, 2005, Solid State Physics
Damaris Suazo, B.S., Industrial Chemistry, University of Puerto Rico-Humacao, 2005, Analytical Chemistry

Texas A&M University System LSAMP – Prairie View A&M University

Jolsone Augustin, B.S., Computer Science, University of Maryland, 2005, Mechanical Engineering
Jerrad Deason, B.S., General Engineering, Prairie View A&M University, 2005, Chemical Engineering

Tumeia Ford, B.S., Mechanical Engineering, Prairie View A&M University, 2004, Mechanical Engineering
Ebony Hawkins, B.S., Mechanical Engineering, Prairie View A&M University, 2005, Mechanical Engineering
Lamesha Johnson, B.S., Mathematics, Prairie View A&M University, 2004, Mathematics
Dana LeDoux, B.S., Mathematics, Prairie View A&M University, 2004, Mathematics
Henry Lee III, B.S., Electrical Engineering, Prairie View A&M University, 2001, Electrical Engineering
Sharrone Marshall, B.S., General Engineering, Prairie View A&M University, 2005, Mechanical Engineering
Crystal Robinson, B.S., Electrical Engineering, Prairie View A&M University, 2005, Electrical Engineering
Richard Tate, B.S., Electrical Engineering, Prairie View A&M University, 2004, Mathematics
Ebony Towns, B.S., General Engineering, Prairie View A&M University, 2004, Mechanical Engineering
Randy Wilkins, B.S., Mechanical Engineering, Prairie View A&M University, 2004, Mechanical Engineering

University of Texas System LSAMP - University of Texas at El Paso

Micah Baquera, B.S., Metallurgical/ Materials Engineering, University of Texas at El Paso, 2005, Metallurgical/Materials Engineering
Marcos Bolanos, B.S., Electrical Engineering, University of Texas at El Paso, 2004, Electrical Engineering
David Echevarria-Torres, B.S., Chemistry, University of Texas at El Paso, 2004, Chemistry
Shalayna Lair, B.S., Metallurgical/Materials Engineering, University of Texas at El Paso, 2003, Metallurgical/Materials Engineering
Adrian A. Mejia, B.S., Microbiology, University of Texas at El Paso, 2004, Biology
Milka Montes, B.S., Chemistry, University of Texas at El Paso, 2004, Chemistry
Gilbert Ornelas, B.S., Computer Science, University of Texas at El Paso, 2005, Computer Science
Pedro Santacruz, B.S., Electrical Engineering, University of Texas at El Paso, 2004, Electrical Engineering
Lynn Santiago, B.S., Chemistry, University of Texas at El Paso, 2005, Chemistry
Christian Servin, B.S., Computer Science, University of Texas at El Paso, 2005, Computer Science
Jorge Ivan Vargas, B.S., Computer Science, University of Texas at El Paso, 2005, Computer Science
Berenice Verdin, B.S., Electrical Engineering, University of Texas at El Paso, 2003, Electrical Engineering

University System of Maryland LSAMP – University of Maryland Baltimore County

Miguel A. Acosta, B.S., Chemical Engineering, University of Puerto Rico-Rico –Mayagues, 2004, Chemical/Biochemical Engineering
Temitope I. Akinsade, B.S., Computer Science. University of Maryland Baltimore County, 2005, Information Systems
Yared Amanuel, B.S., Mechanical Engineering. University of Maryland Baltimore County, 2005, Mechanical Engineering
Sonnet S. Davis, B.S., Biochemistry, Oakwood College, 2005, Chemistry and Biochemistry
Philip S. Dyer, B.S., Physics, University of Maryland Baltimore County, 2005, Mechanical Engineering
Huguens Jean, B.S., Computer Engineering, University of Maryland Baltimore County, 2005, Electrical Engineering
Brenitra L Mosley, B.S., Physics, Jackson State University, 2004, Electrical Engineering
Bill J. Moss, B.S., Chemical Engineering, University of Maryland Baltimore County, 2005, Chemical and Biochemical Engineering
Jason F. Napier, B.S., Computer Science, University of Maryland Baltimore County, 2005, Computer Science
Jameelah D. Roberts, B.S., Information Systems, University of Maryland Baltimore County, 2005, Information Systems
Zakar A. Siraj, B.S., Electrical Engineering, University of California Berkeley, 2004, Electrical Engineering
Katisha D. Smith, B.S., Mechanical Engineering, North Carolina A&T University, 2004, Mechanical Engineering

Washington/Baltimore/Hampton Roads LSAMP – Howard University

Kevin Belgrave, B.S., Biological Sciences, Howard University, 2005, Genetics and Human Genetics
Vic Boddie, B.S., Biological Sciences, Hampton University, 2005, Microbiology
Kira Castellon, B.S., Biological Sciences, University of Maryland Eastern Shore, 2005, Physiology
Dia Evans, B.S., Biological Sciences, Virginia State University, 2005, Microbiology
Isabel Garcia-Ramos, B.S., Biological Sciences, University of Puerto Rico at Humacao, 2005, Anatomy
Thomas Hardy, B.S., Biological Sciences, Howard University, 2004, Environmental Biology
Lakishea Hawkins, B.S., Biological Sciences, North Carolina A&T University, 2004, Genetics and Human Genetics
Shantelle Lucas, B.S., Biological Sciences, North Carolina State University, 2004, Microbiology
Lynda Perry, B.S., Biological Sciences, Morgan State University, 2002, Biological Sciences
Sulman Rahmat, B.S., Biological Sciences, Howard University, 2004, Anatomy
Alicia Richardson, B.S., Mathematics, Morgan State University, 2004, Mathematics
Kendall Williams, B.S., Mathematics, Howard University, 2005, Mathematics

Western Alliance to Expand Student Opportunities - Arizona State University

Asela Acosta, B.A., Mathematics, Texas A&M International University, 2005, Mathematics
Jose L. Almora, B.S., Mathematics, University of North Carolina at Chapel Hill, 2005, Mathematics
Kamal Barley, B.S., Mathematical Science, City University of New York-Medgar Evers College, 2005, Mathematics
Blanca E. Caballero, B.S., Biology, PreMed, Arizona State University, 2005, Molecular and Cellular Biology
Mark A. Carty, B.A., Mathematics, City University of New York, 2005, Mathematics
Brenda Flores, B.S., Biology and Society, Arizona State University, 2005, Biology
Edgardo L. Ramirez Reinat, B.S., Microbiology, Universidad de Puerto Rico, Humacao, 2003, Microbiology
Roxanne C. Rios, B.S., Plant Biology, Arizona State University, 2005, Plant Biology
Danielle Robbins, B.S., Applied Mathematics, University of Maryland, Baltimore County, 2005, Mathematics
Daniel M. Romero, B.S., Mathematics, Arizona State University, 2005, Mathematics
Terannie Vazquez-Alvarez, B.S., Chemistry, Universidad Metropolitana, Cupey, 2003, Chemistry
Jerrald Willis, B.S., Electrical Engineering, Wright State University, 2004, Electrical Engineering

Current Status of BD Cohort II Participants

Alabama LSAMP

Doctoral Students

<i>NAME</i>	<i>DOCTORAL MAJOR</i>	<i>INSTITUTION</i>	<i>CITY</i>	<i>STATE</i>
Clarissa Byrd	MS Electrical Eng 5/07	UAH	Huntsville	Alabama
Kimberly G. Hobbs	Biotechnology	UAH	Huntsville	Alabama
Andre Turner	Engineering	UAH	Huntsville	Alabama
Tameka Walker	Biotechnology	UAH	Huntsville	Alabama
Ambrey Watkins	MS CE Eng. 5/07	UAH	Huntsville	Alabama

Other Students

<i>NAME</i>	<i>CURRENT POSITION</i>	<i>ORGANIZATION</i>	<i>CITY</i>	<i>STATE</i>
Calvin Elkins	MS Atmospheric Science 5/07	UAH	Huntsville	Alabama
Michael Francis	MS Mech. Eng. 8/06	Redstone Arsenal	Huntsville	Alabama
Christopher Harris	MS Mech. Eng. 12/06	Graduated	Huntsville	Alabama
Victor Harris	MS Bio. Sci. 5/07	UAH	Huntsville	Alabama
Khalid Holmes	MS Bio. Sci. 5/07	UAH	Huntsville	Alabama
Veronica Hunter	Software Engineer II	Raytheon	Huntsville	Alabama
Melody Jackson	MS Math 5/07	UAH	Huntsville	Alabama
Eileen Rojas	MS Chem. Eng. 8/06	Signature Research	Huntsville	Alabama

California LSAMP

Doctoral Students

<i>NAME</i>	<i>DOCTORAL MAJOR</i>	<i>INSTITUTION</i>	<i>CITY</i>	<i>STATE</i>
Wendell-Lamar Blackwell	Molecular Biology	UC, Irvine	Irvine	California
Rene R. Bravo	Chemistry	UC, Irvine	Irvine	California
Mamadou H. Diallo	Computer Science	UC, Irvine	Irvine	California
Jaquan M. Horton	Ecology/Evo. Biology	UC, Irvine	Irvine	California
Melissa Prado	Chemistry	UC, Irvine	Irvine	California
Luis Rodriguez	Mechanical & Aerospace Engineering	UC, Irvine	Irvine	California
Kimberly M. Romero	Molecular Biology	UC, Irvine	Irvine	California
Jose Romero-Mariona	Computer Science	UC, Irvine	Irvine	California
Mave S. Witherspoon	Molecular Biology	UC, Irvine	Irvine	California

Other Students

<i>NAME</i>	<i>CURRENT POSITION</i>	<i>ORGANIZATION</i>	<i>CITY</i>	<i>STATE</i>
Philip Garcia	MS Mechanical & Aerospace Eng.	Northrop-Grumman	San Diego	California
Jesse Pompa	MS Mechanical Engineering	Environ	Irvine	California
Denise Ullery	MS Elec. & Computer Engineering	Newport Corporation	Irvine	California

California State LSAMP

Doctoral Students

<i>NAME</i>	<i>DOCTORAL MAJOR</i>	<i>INSTITUTION</i>	<i>CITY</i>	<i>STATE</i>
Daniel Castellanos	Computer Systems and Software	UC, Irvine	Irvine	California
Patricia Castillo	Immunology	UC, Davis	Davis	California
Jesus Gutierrez	Mathematics	UC, Riverside	Riverside	California
Angelina Iniguez	Biology	UC, Irvine	Irvine	California
Henry Paul Martinez	Chemistry	UC, San Diego	San Diego	California

Other Students

<i>NAME</i>	<i>CURRENT POSITION</i>	<i>ORGANIZATION</i>	<i>CITY</i>	<i>STATE</i>
Albert Cervantes	2 nd Year MS Student	CSU, LA	Los Angeles	California
Joseph Gomez	System Integration Test Engineer	Lockheed Martin	Santa Maria	California
Aidee Gonzalez	2 nd Year MS student	CSU, LA	Los Angeles	California
Latrice House	MS Student	Texas Southern Univ.	Houston	Texas
Noe Ramos	Withdrawn from Program			
Valerie Rodriquez	2 nd Year MS Student	CSU, LA	Los Angeles	California
Exequiel Tostado	Chemist	Veolia Env. Services	Azusa	California

Florida-Georgia LSAMP

Doctoral Students

<i>NAME</i>	<i>DOCTORAL MAJOR</i>	<i>INSTITUTION</i>	<i>CITY</i>	<i>STATE</i>
Kathryn Bailey	Environmental Engineering	Univ. of South Florida	Tampa	Florida
Quentin Bonds	Electrical Engineering	Univ. of South Florida	Tampa	Florida
Camille Daniels	Biological Oceanography	Univ. of South Florida	Tampa	Florida
Regina Easley	Chemical Oceanography	Univ. of South Florida	Tampa	Florida
Brandon Henry	Biomedical Engineering	Univ. of South Florida	Tampa	Florida
Joniqua Howard	Environmental Engineering	Univ. of South Florida	Tampa	Florida
Yoli Jeune	Materials Science	Univ. of Florida	Gainesville	Florida
Warner Ithier	Chemical Oceanography	Univ. of South Florida	Tampa	Florida
Marietta Mayo	Chemical Oceanography	Univ. of South Florida	Tampa	Florida
Erlande Omisca	Environmental Engineering	Univ. of South Florida	Tampa	Florida
Inia Soto	Biological Oceanography	Univ. of South Florida	Tampa	Florida
Nekesha Williams	Chemical Oceanography	Univ. of South Florida	Tampa	Florida

Other Students

<i>NAME</i>	<i>CURRENT POSITION</i>	<i>ORGANIZATION</i>	<i>CITY</i>	<i>STATE</i>
Dayling Chaparro	MS Student	Univ. of South Florida	Tampa	Florida
Juan Cruz	Eng. Project Manager (MS-12/06)	Florida Power and Light	North Point	Florida
Sennai Habtes	MS Student	Univ. of South Florida	Tampa	Florida
Tracy Staton	Unknown	Unknown	Unknown	Unknown

Illinois LSAMP

Doctoral Students

<i>NAME</i>	<i>DOCTORAL MAJOR</i>	<i>INSTITUTION</i>	<i>CITY</i>	<i>STATE</i>
Gretchen Elizabeth Flohr	Zoology	So. Il. Univ. Carbondale	Carbondale	Illinois
Juan Jose Garcilazo	Civil and Env. Engineering	So. Il. Univ. Carbondale	Carbondale	Illinois
John Robert Shell	Engineering Sciences	So. Il. Univ. Carbondale	Carbondale	Illinois
Nacrisha Shontee Norman	Aerospace Engineering	Old Dominion Univ.	Norfolk	Virginia

Other Students

<i>NAME</i>	<i>CURRENT POSITION</i>	<i>ORGANIZATION</i>	<i>CITY</i>	<i>STATE</i>
Melique Odell Hoover	Graduated Fall 2006	So. Il. Univ. Carbondale	Carbondale	Illinois
Renee Anita Lopez-Smith	Master's Student Plant Biology	So. Il. Univ. Carbondale	Carbondale	Illinois
Cortez Carl McBerry	Master's Student Microbiology	So. Il. Univ. Carbondale	Carbondale	Illinois
Yoanna Rosales	Master's Student Geology	So. Il. Univ. Carbondale	Carbondale	Illinois
Kara Eugenia Scott	Master's Student Geography and Environmental Resources	So. Il. Univ. Carbondale	Carbondale	Illinois
Michael Futrell Simelton	Master's Student Manufacturing Systems/Technology	So. Il. Univ. Carbondale	Carbondale	Illinois
Anthony James Stevens	Master's Student Geology	So. Il. Univ. Carbondale	Carbondale	Illinois

Mississippi LSAMP

Doctoral Students

<i>NAME</i>	<i>DOCTORAL MAJOR</i>	<i>INSTITUTION</i>	<i>CITY</i>	<i>STATE</i>
Ericka Brown	Environmental Science	Jackson State Univ.	Jackson	Mississippi
Angela Fortner	Chemistry	Princeton Univ.	Princeton	New Jersey
Jelani Griffin	Chemistry	Georgia Technology Inst.	Atlanta	Georgia
Lenore Hicks	Organic Chemistry	Jackson State Univ.	Jackson	Mississippi
Alvin Holton	Computer Engineering	Mississippi State Univ.	Starkville	Mississippi
Sharee Laster	Computer Engineering	Mississippi State Univ.	Starkville	Mississippi
Caronda Moore	Biology	Nebraska Univ.	Lincoln	Nebraska
Crsytal Nevels	Computer Science	Mississippi State Univ.	Starkville	Mississippi
Syretta Knight	Computer Science	Georgia State Univ.	Atlanta	Georgia
Shaneka Simmons	Environmental Science	Jackson State Univ.	Jackson	Mississippi
Patrina Thompson	Computational Chemistry	Jackson State Univ.	Jackson	Mississippi
Jonathan Watkins	Environmental Science	Jackson State Univ.	Jackson	Mississippi

Other Students

<i>NAME</i>	<i>CURRENT POSITION</i>	<i>ORGANIZATION</i>	<i>CITY</i>	<i>STATE</i>
Rachel Black (Received NSF Graduate Fellowship)	Doctoral Student	Hampton Univ.	Hampton	Virginia
Fred Logan	Doctoral Student	Univ. of Illinois Chicago	Chicago	Illinois
Beneia Rutenburg	Doctoral Student	Univ. of Maryland	College Park	Maryland

New Mexico LSAMP**Doctoral Students**

<i>NAME</i>	<i>DOCTORAL MAJOR</i>	<i>INSTITUTION</i>	<i>CITY</i>	<i>STATE</i>
Alvarado Rodrigo	Physics Education	New Mexico State Univ.	Las Cruces	New Mexico
Jose Leo Banuelos	Physics	New Mexico State Univ.	Las Cruces	New Mexico
Sarah Gibson	Chemistry	New Mexico State Univ.	Las Cruces	New Mexico
Ismael Nieto	Chemistry	New Mexico State Univ.	Las Cruces	New Mexico

Other Students

<i>NAME</i>	<i>CURRENT POSITION</i>	<i>ORGANIZATION</i>	<i>CITY</i>	<i>STATE</i>
Daniel Candelaria	Completing MS	New Mexico State Univ.	Las Cruces	New Mexico
Vanol Francois	Seeking 2 nd MS Degree	New Mexico State Univ.	Las Cruces	New Mexico
Gloria Martinez	Chemist	Abbott Bioresearch Center	Worcester	Massachusetts
Antonio Serna	Geologist	Devon Energy	Houston	Texas
Yvonne Torres	Completing MS	New Mexico State Univ.	Las Cruces	New Mexico
Michelle Villa	Completing MS	New Mexico State Univ.	Las Cruces	New Mexico
Lyle Young	Completing MS	New Mexico State Univ.	Las Cruces	New Mexico

New York LSAMP**Doctoral Students**

<i>NAME</i>	<i>DOCTORAL MAJOR</i>	<i>INSTITUTION</i>	<i>CITY</i>	<i>STATE</i>
Richard Able	Biochemistry	CUNY Graduate Center	New York	New York
Luis Bravo	Mechanical Engineering	Univ. of Maryland Coll. Pk.	College Park	Maryland
Joann Caban	Biology	Lehman College	Bronx	New York
Jonathan Cardenas	Electrical Engineering	CUNY Graduate Center	New York	New York
Evelyn Mark	Electrical Engineering	CUNY Graduate Center	New York	New York
Clara Nieto-Wire	Electrical Engineering	CUNY Graduate Center	New York	New York
Jean Pierre Njante	Mechanical Engineering	Univ. of California Berkeley	Berkeley	California
Ivan Ramirez	Environmental Science	Michigan State Univ.	East Lansing	Michigan
Jennifer Ross	Anthropology	Duke Univ.	Durham	North Carolina
Ruben Sylvain	Civil Engineering	CUNY Graduate Center	New York	New York
Adriana Vela	Biochemistry	College of Staten Island	Staten Island	New York
Karla Wyatt	Biomedical Engineering	CUNY Graduate Center	New York	New York

Other Students

<i>NAME</i>	<i>CURRENT POSITION</i>	<i>ORGANIZATION</i>	<i>CITY</i>	<i>STATE</i>
Oluwatosin Ogunwuyi	Industrial Engineer	General Electric	Danbury	Connecticut
Pedro Rojas	Patent Engineer	US Patent Office	Washington DC	Washington DC

North Carolina LSAMP**Doctoral Students**

<i>NAME</i>	<i>DOCTORAL MAJOR</i>	<i>INSTITUTION</i>	<i>CITY</i>	<i>STATE</i>
Husniyah Abdus-Salaam	Industrial and Systems Engineering	NCA&T St. Univ.	Greensboro	North Carolina
Tanina Bradley	Industrial and Systems Engineering	NC A&T St. Univ.	Greensboro	North Carolina
Jerry Heath	Chemistry	Clark Atlanta Univ.	Atlanta	Georgia

Other Students

<i>NAME</i>	<i>CURRENT POSITION</i>	<i>ORGANIZATION</i>	<i>CITY</i>	<i>STATE</i>
Charia Dillard	Graduated May 2006	Britex Child Safety	Charlotte	North Carolina
Patrick Harris	Graduated December 2006	Univ. of North Carolina	Chapel Hill	North Carolina
Nakidra Haynes	Graduated December 2006	Vanguard	Charlotte	North Carolina
Keily Heredia	Graduated May 2006	Univ. of South Florida, 2008	Tampa	Florida
Johnny Hopkins	Will graduate December 2007	Applied to Carnegie Mellon, UNCC and NC State, 2008 Enrollment	Charlotte	North Carolina

Kendra Johnson	Graduated December 2006	Wachovia Corporation	Charlotte	North Carolina
Rigo Nova-Matute	Graduated December 2006	Applied to Georgia Tech	Atlanta	Georgia
Renard Spratling	Graduated December 2006,	Univ. of North Carolina,	Greensboro	North Carolina
Rachel Wolff	Optical Researcher	Northeast Medical Center	Concord	North Carolina

Oklahoma LSAMP

Doctoral Students

<i>NAME</i>	<i>DOCTORAL MAJOR</i>	<i>INSTITUTION</i>	<i>CITY</i>	<i>STATE</i>
Dominic Barrett	Wildlife Conserv.	Oklahoma State Univ.	Stillwater	Oklahoma
Bret Cowan	Civil Engineering	Oklahoma State Univ.	Stillwater	Oklahoma
Marty Hepler	Entomol/Plant Path.	Oklahoma State Univ.	Stillwater	Oklahoma
Jacob Manjarrez	Biochemistry	Oklahoma State Univ.	Stillwater	Oklahoma
Thomas Patten	Electrical Engineering	Oklahoma State Univ.	Stillwater	Oklahoma
Lila Peal	Biochemistry	Oklahoma State Univ.	Stillwater	Oklahoma
Adrian Sherman	Natural Resources Management	Oklahoma State Univ.	Stillwater	Oklahoma
Nicole Singleton	Physiological Sciences	Oklahoma State Univ.	Stillwater	Oklahoma
Cara Cowan-Watts	Biosystem Engineering	Oklahoma State Univ.	Stillwater	Oklahoma
Brek Wilkins	Biomedical Sciences	OSU Center for Health Sci.	Tulsa	Oklahoma

Other Students

<i>NAME</i>	<i>CURRENT POSITION</i>	<i>ORGANIZATION</i>	<i>CITY</i>	<i>STATE</i>
Loretta Rush	Instructor	Murray State Junior College	Tishimingo	Oklahoma
Cristee Wright	MS Candidate	Oklahoma State Univ.	Stillwater	Oklahoma

Philadelphia LSAMP

Doctoral Students

<i>NAME</i>	<i>DOCTORAL MAJOR</i>	<i>INSTITUTION</i>	<i>CITY</i>	<i>STATE</i>
Marlena Brown	Pharm. Science	Rutgers Univ.	Piscataway	New Jersey
Christopher Elvin	Biomedical Engineering	New Jersey Inst. of Tech.	Newark	New Jersey

Other Students

<i>NAME</i>	<i>CURRENT POSITION</i>	<i>ORGANIZATION</i>	<i>CITY</i>	<i>STATE</i>
Olusola Abitogun	Pharm. Analyst	Ortho-McNeil/J&J	Raritan	New Jersey
Kingsley Asam-Dankwah	Research Engineer	Langan Engineering	Elmwood Park	New Jersey
Shivon Boodhoo	Metrics Analyst	Cardinal Health	Somersset	New Jersey
Jennifer Dorn	Research Engineer	Lockheed Martin	Morristown	New Jersey
Royenah Gaye	Research Engineer	Roche Corporation	Passaic	New Jersey
Ken Josias	Process Engineer	Ft. Monmouth/US Army	Long Branch	New Jersey
Edward Musa	Project Analyst	Lehman Brothers	Jersey City	New Jersey
Erika Rivera	Current Student	New Jersey Institute of Tech.	Newark	New Jersey
Angella Royer	Systems Analyst	IBM	Manchester	Massachusetts

Puerto Rico LSAMP

Doctoral Students

<i>NAME</i>	<i>DOCTORAL MAJOR</i>	<i>INSTITUTION</i>	<i>CITY</i>	<i>STATE</i>
Olga Abreu Vega	Marine Science, MS	Univ. of PR Mayaguez	Mayaguez	Puerto Rico
Debora Acevedo	Chemistry, MS	Univ. of PR Mayaguez	Mayaguez	Puerto Rico
Yashira Estrada	Marine Science, MS	Univ. of PR Mayaguez	Mayaguez	Puerto Rico
Miguel Gonzalez	Civil Engineering, MS	Univ. of PR Mayaguez	Mayaguez	Puerto Rico
Luis Gonzalez	Civil Engineering, MS	Univ. of PR Mayaguez	Mayaguez	Puerto Rico
Laura Granell	Chemistry, MS	Univ. of PR Mayaguez	Mayaguez	Puerto Rico
Yaritza Maldonado	Oceanography, MS	Univ. of PR Mayaguez	Mayaguez	Puerto Rico
Luis A. Rodríguez	Civil Engineering, MS	Univ. of PR Mayaguez	Mayaguez	Puerto Rico
Yeira Padilla	Chemical Engineering, Ph.D.	Univ. of PR Mayaguez	Mayaguez	Puerto Rico

Other Students

<i>NAME</i>	<i>CURRENT POSITION</i>	<i>ORGANIZATION</i>	<i>CITY</i>	<i>STATE</i>
Lourdes Cabello	Employee	Backstage Inc.	Guayama	Puerto Rico
Madalis Casiano	Employee	Johnson & Johnson	Gurabo	Puerto Rico

Texas LSAMP

Doctoral Students

<i>NAME</i>	<i>DOCTORAL MAJOR</i>	<i>INSTITUTION</i>	<i>CITY</i>	<i>STATE</i>
Lindsay Birt	Agricultural & Biomedical Eng.	Purdue Univ.	West Lafayette	Indiana

Other Students

<i>NAME</i>	<i>CURRENT POSITION</i>	<i>ORGANIZATION</i>	<i>CITY</i>	<i>STATE</i>
Vanessa Chappa	Research Associate	Gilead Sciences	Foster City	California
Aldo Gardea	MS Student-Entomology	Texas A&M Univ.	College Station	Texas
Varrian Hall	Defense Contractor	Northrop Grumman	Dallas	Texas
Takesha Henderson	MS Student – Entomology	Texas A&M Univ.	College Station	Texas
Alfredo Hernandez	MS Student – Biochemistry	Texas A&M Univ.	College Station	Texas
Shantel Higgins	Researcher	Texas Instruments	Dallas	Texas
Mayra Mendez	MS Student – Industrial Engineering	Texas A&M Univ.	College Station	Texas
Jennifer Owens	Analyst	Netherland-Sewell Assoc.	Dallas	Texas
Kimberly Paulhill	MS Student – Nutrition	Texas A&M Univ.	College Station	Texas
Javier Ramirez III	Ranch Manger	King Ranch	Kingsville	Texas
Dominique Watts	Wildlife Biologist	US Fish and Wildlife Service	King Salmon	Arkansas

University of Texas System LSAMP

Doctoral Students

<i>NAME</i>	<i>DOCTORAL MAJOR</i>	<i>INSTITUTION</i>	<i>CITY</i>	<i>STATE</i>
Stephanie Baker	Mathematics	Univ. of Texas Austin	Austin	Texas
Rhianna Hughes	Physical Therapy	Univ. of St. Augustine	St. Augustine	Florida
Obadiah Kegege	Electrical Engineering	Univ. of Arkansas	Fayetteville	Arkansas
Eugenie Kim	Mathematics	Baylor Univ.	Waco	Texas
Maricela Lizcano	Mechanical Engineering	Texas A&M Univ.	College Station	Texas

Other Students

<i>NAME</i>	<i>CURRENT POSITION</i>	<i>ORGANIZATION</i>	<i>CITY</i>	<i>STATE</i>
Giselli Alvarez	Stop-Out			
Erica Escobedo	Pursuing MS	Univ. of Texas Pan Amer.	Edinburg	Texas
Rosa Gutierrez	Lecturer	South Texas College	McAllen	Texas
Cyril Harris	Pursuing MS	Univ. of Texas Pan Amer.	Edinburg	Texas
Nadia Kasem	Job Searching			
Kelly Wroblewski	High School Teacher	Title I High School	Austin	Texas
Michelle Zamarron	Pursuing MS	UT Pan American	Edinburg	Texas

Washington/Baltimore/Hampton Roads LSAMP

Doctoral Students

<i>NAME</i>	<i>DOCTORAL MAJOR</i>	<i>INSTITUTION</i>	<i>CITY</i>	<i>STATE</i>
Arleya Ashburn	Mathematics	Howard Univ.	Washington	DC
Micah Ballton	Physics	Howard Univ.	Washington	DC
Sandra Dillahunt	Microbiology	Howard Univ.	Washington	DC
Melissa Fletcher	Chemistry	Howard Univ.	Washington	DC
Kourtney Fulton	Mathematics	Howard Univ.	Washington	DC
Adana Llanos	Genetics	Howard Univ.	Washington	DC
April McLaughlin	Genetics	Howard Univ.	Washington	DC
Jocelyn Myers	Biology	Howard Univ.	Washington	DC
Maya Holcombe	Anatomy	Tennessee State Univ.	Nashville	TN

Other Students

<i>NAME</i>	<i>CURRENT POSITION</i>	<i>ORGANIZATION</i>	<i>CITY</i>	<i>STATE</i>
Pierrot Chery	Awaiting Ph.D. Program in Computer Science			
Toye Doggett	Homemaker		Germantown	Maryland
Stacey Gunn	Science Teacher		Clinton	Maryland
Durrell Jones	Unknown		Princess Anne	Maryland

Western Alliance to Expand Student Opportunities LSAMP

Doctoral Students

<i>NAME</i>	<i>DOCTORAL MAJOR</i>	<i>INSTITUTION</i>	<i>CITY</i>	<i>STATE</i>
Daniel Aguiar	Electrical Engineering	Purdue Univ.	West Lafayette	Indiana
Daniel Cartagena	Electrical Engineering	Arizona State Univ.	Tempe	Arizona
Arlene Evangelista	Mathematics	Arizona State Univ.	Tempe	Arizona
Kevin Flores	Mathematics	Arizona State Univ.	Tempe	Arizona
Chad Gonzales	Mathematics	Arizona State Univ.	Tempe	Arizona
David Murrillo	Mathematics	Arizona State Univ.	Tempe	Arizona
Angela Ortiz	Mathematics	Arizona State Univ.	Tempe	Arizona
Alicia Urdapilleta	Mathematics	Arizona State Univ.	Tempe	Arizona

Other Students

<i>NAME</i>	<i>CURRENT POSITION</i>	<i>ORGANIZATION</i>	<i>CITY</i>	<i>STATE</i>
Miguel Garcia	Graduate Student	Arizona State Univ.	Tempe	Arizona
Umar Lyles	Engineer	Texas Instruments	Palm Bay	Florida
Richard Ormeno	Antenna Design Engineer	L3 Communications	Baltimore	Maryland
David Segura	Analyst	Nissan Corporation	Stanfield	Arizona

Cohort II Doctoral Students and Other Students Summary

LSAMP	Doctoral Students	Other Students	Total
Alabama	5	8	13
California	9	3	12
California State	5	7	12
Florida-Georgia	12	4	16
Illinois	4	7	11
Mississippi	12	3	15
New Mexico	4	7	11
New York	12	2	14
North Carolina	3	9	12
Oklahoma	10	2	12
Philadelphia	2	9	11
Puerto Rico	9	2	11
Texas	1	11	12
University of Texas System	5	7	12
Washington/Baltimore/Hampton Roads	9	4	13
WAESO	8	4	12
Total	110	89	199

Current Status of Cohort I BD Participants

Alabama LSAMP

Name	Degree	Institution	Area	Current Status
Angela Bell	MS	Auburn University	Organic Chemistry	Ph.D. expected 5/2008
Carma Cook	MS	Auburn University	Biochemistry	Ph.D. expected 5/2008
Nicole Harris	MS	Auburn University	Materials Engineering	Ph.D. expected 12/2008
Iris Hill	MS	Auburn University	Biological Sciences	Industry
Kimberly Kendricks	MS	Auburn University	Mathematics	Ph.D. expected 2007
Camille Okekpe	MS	Auburn University	Biological Sciences	Currently Enrolled
Carl Pettis	Ph.D.	Auburn University	Mathematics	Assistant Professor - Alabama State University
Charmaine Porter-O'Reilly	MS	Auburn University	Biological Sciences	Pursuing DMD
Michele Williams	MS	Auburn University	Computer Science	Industry
Kevin Tolliver	MS	Auburn University	Mathematics and Statistics	Currently Enrolled

California LSAMP

Name	Degree	Institution	Area	Current Status
Kari Coti	Ph.D.	University of California, Los Angeles	Chemistry and Biochemistry	
Kimberly Cross	Ph.D.	University of California, Los Angeles	Chemical Engineering	
Stephen Estes	Ph.D.	University of California, Los Angeles	Ecology and Evolutionary Biology	
David Galvan	Ph.D.	University of California, Los Angeles	Geophysics and Space Physics	
Karina Heredia	Ph.D.	University of California, Los Angeles	Chemistry and Biochemistry	
Miguel Jimenez	Ph.D.	University of California, Los Angeles	Chemistry and Biochemistry	
Dennis Montoya	Ph.D.	University of California, Los Angeles	Microbiology, Immunology and Molecular Genetics	
Odi Osonki	Ph.D.	University of California, Los Angeles	Chemistry and Biochemistry	
Jesse Ramudio	Ph.D.	University of California, Los Angeles	Microbiology, Immunology and Molecular Genetics	

California State LSAMP

Florida-Georgia LSAMP

Name	Degree	Institution	Area	Current Status
Thomas Anthony		Florida Atlantic University	Ocean Engineering	Ph.D. in progress
Marcus Boone		Florida State University	Chemistry	Ph.D. in progress
Lonnie Mott		Florida State University	Physics	Ph.D. in progress
Charmaine O'Brien		Mehary University	Biochemistry	Ph.D. in progress
Ronald Joe Smith		Georgia Tech	Electrical Engineering	Ph.D. in progress
Aaron Washington		Florida State University	Chemistry	Ph.D. in progress
John Williams		Florida State University	Biology	Ph.D. in progress

Mississippi LSAMP

Name	Degree	Institution	Area	Current Status
Najealicka Armstrong		Howard University	Biochemistry and Molecular Biology	Doctoral Candidate
Eric McClendon		Jackson State University	Chemistry	Doctoral Candidate
Charity Mosley		Jackson State University	Chemistry	Doctoral Candidate
Brian Napolion		Jackson State University	Computational Chemistry	Doctoral Candidate
Kylie Nash		Mississippi State University	Computer Science	Doctoral Candidate
Mekel Richardson		University of Tennessee, Memphis	Biomedical Sciences	Doctoral Candidate
Tomekia Simeon		Jackson State University	Computational Chemistry	Doctoral Candidate
Isi Tolliver		Vanderbilt University	Biochemistry	Doctoral Candidate
Cornelius Toole, Jr.		Louisiana State University	Computer Science	Doctoral Candidate
Tyisha Traylor		Albany Medical College	Neuropharmacology & Neuroscience	Doctoral Candidate

New Mexico LSAMP

Name	Degree	Institution	Area	Current Status
Zachary Hendren		Duke University	Environmental Engineering	Ph.D. in progress
Albert Moncada		Arizona State University	Mechanical/Aerospace Engineering	Ph.D. in progress
Jimmy Moreno		New Mexico State University	Civil Engineering/Water Resources	Ph.D. in progress
Ruben Ortega		Ohio State University	Electrical Engineering	Ph.D. in progress

New York City LSAMP

North Carolina LSAMP

Name	Degree	Institution	Area	Current Status
Al-Aakhir Grimes-Rogers		University of South Florida	Electrical Engineering	Ph.D. expected 2008
Alaina Jones		Texas A&M University	Mechanical Engineering	Ph.D. expected 2009
Kenneth Jones		North Carolina State University	Electrical and Computer Engineering	Accepted - Fall 2007
John Shelton		University of South Florida	Mechanical Engineering	Ph.D. expected 2008

Philadelphia LSAMP

Name	Degree	Institution	Area	Current Status
Chuck Ogbuawa		University of Delaware	Chemistry/Biochemistry	Ed.D. Program
Lynnelle Thorpe		University of Houston	Biological Science	Ph.D. Program
Krystaufeux Williams		Delaware State University	Physics	Completing comps for Ph.D.
Marlyse Williams		Pennsylvania State University	Environmental Engineering	Ph.D. Program

Puerto Rico LSAMP

Texas A&M University LSAMP

Name	Degree	Institution	Area	Current Status
Erica Bruce	Ph.D.	Texas A&M University	Civil Engineering	Expected Graduation 5/2007
Julianna Camacho	Ph.D.	Texas A&M University	Civil Engineering	Expected Graduation 5/2008
Shannon Henderson	Ph.D.	Texas A&M University	Interdisciplinary Engineering	Expected Graduation 5/2007
Jessica Houston	Ph.D.	Texas A&M University	Chemical Engineering	Graduated 12/2005
Maxine Jones	Ph.D.	Texas A&M University	Chemical Engineering	Expected Graduation 8/2007
Juan Juarez	Ph.D.	Texas A&M University	Electrical Engineering	Graduated 8/2005
Douglas Rodriguez	Ph.D.	Texas A&M University	Mechanical Engineering	In progress
Samuel Rodriguez	Ph.D.	Texas A&M University	Computer Science	In progress
Deborah Roman	Ph.D.	Texas A&M University	Civil Engineering	Graduated 12/2005
Migvia Vidal	Ph.D.	Texas A&M University	Chemical Engineering	Graduated 8/2005

University of Texas System LSAMP

Name	Degree	Institution	Area	Current Status
Veronica Armendariz	MS	University of Texas at El Paso	Chemistry	Works in Arizona
Rogelio Franco	MSME	University of Texas at El Paso	Mechanical Engineering	Works for NASA (FL)
Diana Kretzer	MS	University of Texas at El Paso	Biology	MD/Ph.D. (UNT)
Juan Licon	MSME	University of Texas at El Paso	Mechanical Engineering	Works for Raytheon (KS)
Sandra Macias	MS	University of Texas at El Paso	Biology	Works for Texas Tech
Monica Miranda	MSCS	University of Texas at El Paso	Computer Science	Works for UTEP
Alfredo Perez Jr.	MSEE	University of Texas at El Paso	Electrical Engineering	Enrolled in Ph.D. (UTEP)
Jose H. Sandoval	MSMME	University of Texas at El Paso	Metallurgy	Works for Lockheed Martin (LA)
Karla Soto	MSMME	University of Texas at El Paso	Metallurgy	Enrolled in Ph.D. (UTEP)
Claudia Vargas	MS	University of Texas at El Paso	Biology	Enrolled in Ph.D. (Wash. Univ.)

Western Alliance to Expand Student Opportunities LSAMP

Name	Degree	Institution	Area	Current Status
Reynaldo Castro	Ph.D.	Arizona State University	Mathematics	Currently Enrolled
Ariel Jones	Ph.D.	Arizona State University	Microbiology	Currently Enrolled
Stephanie Rogers	Ph.D.	Arizona State University	Molecular and Cellular Biology	Currently Enrolled
Griselle Torres-Garcia	Ph.D.	Arizona State University	Mathematics	Currently Enrolled
Jovan Trujillo	Ph.D.	Arizona State University	Chemical Engineering	Currently Enrolled

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Bridge to the Doctorate Alliances

