



Bridge to the Doctorate



The Mississippi Bridge to the Doctorate program at Jackson State University has had the privilege of receiving grants for 12 cohorts of students. Of the first 8 cohorts of 94 students, 32 have earned their Doctorates. These students are featured in this publication. Another 31 are completing their dissertations.



The goal of the Bridge to the Doctorate Program is to provide a rigorous academic and research training experience that supports LSMAMP students who have received a baccalaureate degree in a Science, Technology, Engineering, and Mathematics (STEM) areas in achieving their Masters degrees and prepares them for a STEM doctoral program.



Congressman Louis Stokes is shown with LSMAMP advisor Dr. Glake Hill. The Congressman passed away on August 18, 2015. This publication is dedicated to him.

Armstrong, Najealicka
PhD in Microbiology from
Howard University



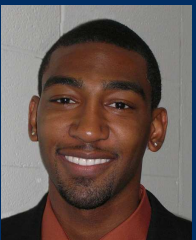
Brown, Erica,
PhD in Environmental Science
from Jackson State University
Asst. Prof. of Research at
Jackson State University



Dates, Centrika
PhD in Biology from
Univ. of Ark. Medical Sciences
Post-Doc at Univ. of Alabama,
Birmingham



Gates, Miguel
PhD in Computer Engineering
From Louisiana Tech University
Post-Doc at Louisiana Tech



Griffin, Jelani
PhD in Chemistry from
Jackson State University



Haile, Samuel
PhD in Biology from
University of Maryland, BC
Post-Doc at National Cancer
Institute (NCI)



Hardy, William
PhD in Chemistry from
University of Florida
Sr. Engineer, Savannah River
National Laboratory



Hathorn, Tyisha
PhD in Pharmacology from
Albany State Medical
College: Post-Doc at
University of Florida



Hughes, Shantelle
PhD in Chemistry from
Jackson State University
FDA, New York



Johnson, Will
PhD in Environmental Science
from Jackson State University



Jones Walker, Vyvca
PhD in Chemistry from
University of Michigan
Post-Doc at Univ. of Alabama,
Birmingham



Lewis, Kirsten
PhD in Computational Chemistry
From Jackson State University



McClendon, Eric
PhD in Chemistry from
Jackson State University
MD from the University of
Mississippi Medical Center
Intern at Wake Forest University



McKay, Angela Fortner
PhD in Chemistry from
Princeton University
Post-Doc at Rutgers University



McShan, Danielle
PhD in Chemistry
From Jackson State
University



Moore, Caronda
PhD in Biology from
University of Nebraska



Moseley, Charity
PhD in Chemistry from
Jackson State University
Working for the DEA



Napolion, Brian
PhD in Computational Chemistry
from Jackson State University
Instructor, Jackson State University



Nash, Kylie
PhD in Industrial Technology
from Mississippi State University
Assistant Professor:
Alabama A & M



Patterson, Carvey
PhD in Environmental Science from
Jackson State University



Payne, Wanda
PhD in Mathematics
from University of Mississippi



Rice, Justin
PhD in Computer Engineering
from Louisiana Tech University
Working at NASA Goddard



Richardson, Mikel
PhD in Biology from
University of Tennessee, Memphis
Post-Doc at University of Tennessee



Simeon, Tomekia
PhD in Computational
Chemistry from
Jackson State University
Post-Doc Northwestern University



Simmons, Shaneka
PhD in Environmental Science
from Jackson State University
Asst. Research Professor
at Jackson State University



Sitole, Lungile
PhD in Biochemistry from
Pretoria University in South Africa
Post-Doc at University of
Johannesburg



Thompson, Patrina
PhD in Computational Chemistry
from Jackson State University



Tolliver, Isi
PhD in Science Education from
Vanderbilt University
Post-Doc at Vanderbilt



Toole, Cornelius
PhD in Computer Science from
Louisiana State University
Assistant Professor at
Tougaloo College



Walker, Antrice
PhD in Environmental Science
from Jackson State University



Williams, Baraka
PhD in Environmental Science
from Jackson State University



Zarif, Jelani
PhD in Biology from
Michigan State University
Post-Doc at Johns Hopkins Univ.



The LSMAMP BD program is committed to aggressively answer the call of increasing the number URM PhD recipients in STEM. The Louis Stokes Mississippi Alliance for Minority Participation (LSMAMP) is pleased to have received funding from the National Science Foundation (NSF Grant # HRD-1500317) to support twelve Cohorts of the Bridge to the Doctorate program, or 142 students, to-date, and is honored to be a part of this national program to increase the diversity profile of doctoral recipients in STEM programs.

The goal of the Bridge to the Doctorate (BD) Program is to provide a rigorous academic and research training experience that supports LSAMP students who have received a baccalaureate degree in a Science, Technology, Engineering, and Mathematics (STEM) areas in achieving their Masters degrees and prepares them for a STEM doctoral program. Jackson State University (JSU) and its LSMAMP partners, a consortium of eight of the state's public and private institutions, have focused our collective resources towards supporting this program.

Funds are provided for the initial two years of graduate study. The objective of the grant is to broaden participation of underrepresented students in science, technology, engineering and mathematics (STEM) disciplines, and the program seeks to remove students' hesitancy about entering graduate school and the concurrent fear of creating additional financial indebtedness. Each student receives a stipend along with full graduate tuition and fees, mentoring assistance, academic enrichment, and academic year and summer research experiences. They also receive assistance to travel to conferences and are involved in organizing workshops, seminars and speakers series involving scientists and engineers from across the country.

As part of their professional preparation for studies in top-tier Ph.D. programs, our Bridge Fellows participate in external summer research experiences at some of the most outstanding research facilities in the country. These include the University of California Berkeley, University of California Davis, University of California Santa Barbara, Lawrence Berkeley National Laboratory, Lawrence Livermore National Laboratory, the National Institutes of Health, the Armed Forces Institute of Pathology and the Office of Naval Research. IUPUI, and the University of Arkansas Medical Sciences. The research proficiency that our BD Fellows develop in the laboratory is essential.

