

Alabama Alliance  
for  
Minority  
Participation  
Scholars



1 9 9 6 GRADUATES



1995 Graduates Miles College, Birmingham, Alabama

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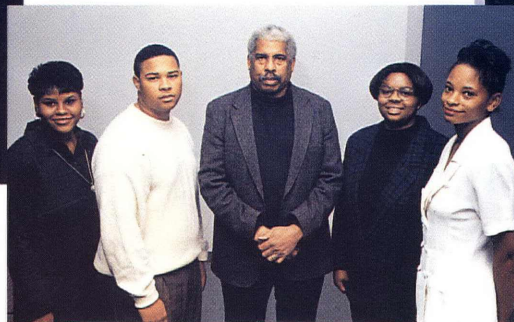
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# THE AMP Scholars Program

The center piece of the Alabama Alliance for Minority Participation project is the AMP Scholars Program. During the 1993-94 academic year, Alabama Alliance institutions graduated 853 minority students with SEM majors. The number increased to 930 during the 1994-95 academic year. Included in this number is a special group of nineteen students known as AMP Scholars. In 1991, the initial year of the alliance, eighteen freshmen were recruited to form a core of high achieving student leaders within alliance institutions. They were given tuition scholarships and became known as AMP Scholars. Their responsibilities were to serve as tutors in the Science and Engineering Drop-In Centers and to serve as Alabama AMP Ambassadors. They served as role models for their

peers and helped to recruit students for their institutions to major in science, engineering or mathematics. During the summer term of each year, many AMP Scholars participated in the Summer Internship Programs at The University of Alabama at Birmingham and Alabama A&M University/The University of Alabama in Huntsville. The Internship Program provided both hands-on research experience under the direction of an active research mentor and an opportunity to enter research projects in scientific competition. The regular undergraduate training in science, engineering, and mathematics, combined with the research experience acquired in the Internship Program, increases greatly the likelihood that the AMP Scholars will be successful in graduate programs.

## AMP Scholars Data

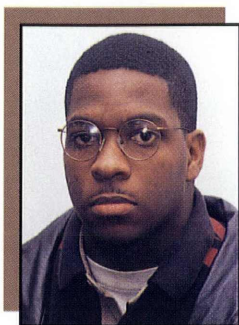
YEAR NO. OF SCHOLARS	1991-92	1992-93	1993-94	1994-95
	30	56	108	152

## AMP Scholar Characteristics

- Highly Motivated SEM Majors
- Has had Research Internship Experience
- Has had Experience Working One-On-One with Graduate Faculty
- Seeking SEM Career Goals
- Above Average GPA
- Eager to Attend Graduate School



# 1996 AMP Scholar Graduates



**Timothy Beacham**  
Tougaloo College

244 Sherwood Drive, Canton, MS 39146, (601) 859-0802, Major: chemistry, Internship Experience: Yale University (1993), Professor: Dr. Peter McPherson, Project: "P326: The Identification of a High Molecular Weight Protein with Potential Specificity for Synaptic Vesicles,"

Tougaloo College (1994), Professor: Dr. Lovell Agwaramgbo, Project: "Acidic Effect of Epoxysilane opening with Hbr," NASA (1995), Professor: Dr. Judith Campbell-Washington," Awards: Presidential Athlete Award, Dean's List, two abstracts published.

**Keith Blanks**  
Talladega College

2815 Robinsonwood Drive, Riverdale, GA 30296, (404) 996-9383, Major: biology, Internship Experience: University of Alabama in Huntsville (1993), Project: "Myogenesis & Histogenesis of Bovine Skeletal Muscle Tissue on Flexible Substrates Invitro;" University of Alabama at Birmingham

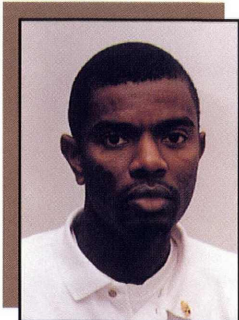
(1994), Professor: Dr. Ron Angus, Project: "A Comparison of Life History Traits of Mosquito Fish *Gambusia Affinis* From Two Different Environments;" Center for Disease Control (1995), Professor: Dr. Bill Jenkins, Project: "Condom Project: Freaknic '95," Awards: Beta Beta Beta Biological Honor Society, Alpha Chi National Honor Society.



**Gregory D. Brown**  
Tougaloo College

P. O. Box 694, Shelby, MS 38774, (601) 398-7637, Major: chemistry, Internship Experience: University of Alabama at Birmingham (1994), Professor: Dr. Stephen Beale, Project: "Separation of Synthetic Polymers by CGE;" NASA - Johnson Space Center (1995), Professor: Dr. Duane Pierson, Awards:

Vice Presidential Scholar (1992 - Present), 1st Place, Physical Science, AMP Internship Program, Service Award: Tougaloo College SGA, P.M. Smith Memorial Science Scholarship Recipient.



**Ellen Burts**  
Stillman College

1501 Elm Street SW, Birmingham, AL 35211, (205) 925-1746, Major: chemistry, Minor: Mathematics, Internship Experience: University of Alabama at Birmingham (1994), Professor: Dr. Charles Watkins, Project: "A NMR Data Transfer Network for Organic Chemistry;" AT&T Bell Laboratories (1995), Professor: Dr. Francis Houlihan, Project: "A Three-Component Resist for Microlithography," Awards: Second place winner at 1994 NSF Science Fair (SE Region), National Dean's List, Presidential Scholar.



**Stacy Cameron**  
Tougaloo College

1525 31st Avenue, Gulfport, MS 39501, (601) 864-2133, Major: biology, Internship Experience: University of Alabama at Birmingham (1993), Professor: Dr. David Kraus, Project: "Acute Salinity Stress in *C. Sapidus* and *C. Similus*," Awards: 1st place, Life Sciences, 1993 AAMP Poster Competition.



**Wendy Cooke**  
Tuskegee University

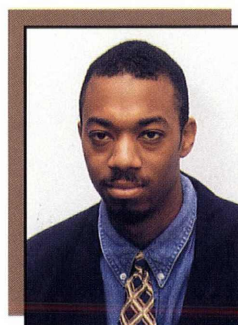
2812 Wales Road, Columbia, SC 29223, (803) 736-6010, Major: biology, Internship Experience: University of Alabama at Birmingham (1993), Professor: Dr. Poirer; Alabama A&M University (1994), Professor: Dr. Modlin, Project: "Identification of Habitat of *Paranebalia Belizensis* Modlin;" University of North Carolina Chapel Hill (1995), Professor: Dr. Herman, Project: "Intracellular pH During Hypoxic Injury in Porcine Aortic Endothelial Cells."

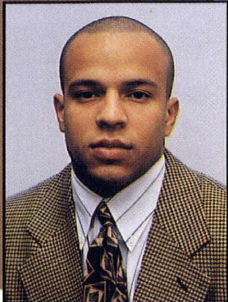


**Jimmy Cowan**  
Alabama State University

2010 Haggins Street, Tuskegee Inst., AL 36088, (334) 727-7182, Major: computer science; Minor mathematics, Internship Experience: Alabama A&M University (1994), Professor: Dr. Carol Brooks, Project: "An Automated Tutorial in Basic Mathematics," Awards: All American Scholar, Mr. O. Kim Scholarship, National Dean's List,

National Honor Society Member.





**Jason Crowell**  
*Alabama State University*

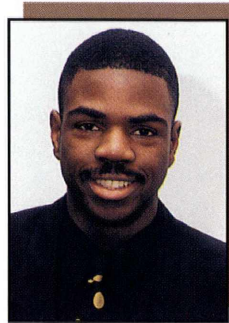
908 South Regatta Drive, Vallejo, CA 94591, Major: mathematics.

**Lisa M. Herring**  
*Oakwood College*



26127 Wallack Place, Loma Linda, CA, (909) 799-0930, Major: biology/biochemistry, Internship Experience: University of Alabama in Huntsville (1993), Professor: Dr. Adriel D. Johnson, Project: "Development of a Whole Organ Culture System to Study the Effects of Cholinergic Agonists on Pancreatic Secretion;" University of North Carolina Chapel Hill (1995), Professor: Mr. Larry Keith, Project: "Medical Education Development Program," Awards: Freshman Chemistry Student of the Year (1992-93), Biology Alumni Scholarship Award, Biology Departmental Award, Medical Education Development (MED) Program Achievement Award.

**Rozell Cunningham**  
*Miles College*



772 Belwood Circle, Fairfield, AL 35064, (205) 925-4001, Major: chemistry, Minor: biology/mathematics, Internship Experience: University of Alabama at Birmingham (1993), Professor: Dr. Agresti, Project: "Is Mars A Livable Planet?"; University of Alabama at Birmingham (1994), Professor: Dr. Smith, Project: "Child Awareness About Healthy Foods;" Miles College (1995), Professor: Dr. David McCants, Project: "The Reduction of Environmental Waste Into Organic Compounds."

**Keisha M. James**  
*Miles College*



501 Lang Road, McIntosh, AL 36553, (334) 944-2059, Major: chemistry; Minor: biology/mathematics, Internship Experience: University of Alabama at Birmingham (1993), Professor: Mr. Cecil Jones, Project: "The Speed of Light;" Awards: President of UNCF, President of Alpha Kappa Alpha Inc.,

1st Attendant to Miss Miles College, 2nd Vice President of Student Government Association.

**Tamara Garmon**  
*Alabama State University*



3461 Spring Circle, Decatur, GA 30032, (404) 284-6130, Major: mathematics.

**Porscha Kennedy**  
*Stillman College*



P. O. Box 260, Akron, AL 35441, Major: biology, Internship Experience: University of Alabama at Birmingham (1993), Professor: Dr. Thane Wibbels, Project: "Sex Determination of Turtle Embryos According to Temperature."

**Mia Girtman**  
*Miles College*



334 Decatur Street SE, Apt. 148, Atlanta, GA 30312, (404) 658-9322, Major: biology, Minor: chemistry, Internship Experience: University of Alabama at Birmingham (1993 & 1994), Professor: Dr. Steven Watts, Project: "Physiological Response to Environmental Stressors in the Australian Crayfish *Cherax Quadricarinatus*."

**Sonya Hartley**  
*Oakwood College*



1108 Axlewood Circle, Brandon, FL 33511, (813) 681-6670, Major: biochemistry, Internship Experience: University of Alabama at Birmingham (1993), Professor: Dr. James McClintock, Project: "The Chemical Toxicity of the Florida SeaGrass Tunicates."

**Chandra LaCount**  
*Oakwood College*



P. O. Box 1112, Chandler, AZ 85244, (602) 967-7248, Major: biology; Minor: chemistry, Awards: Dean's List and Honor Roll, Alpha Chi Member, Various Scholarship Awards.



**Kentrell Liddell**  
**Tougaloo College**

Route 1, Box 62-B, Macon, MS 39341, (601) 726-4313, Major: chemistry, Internship Experience: Washington University (1994), Professor: Dr. Tim Schedl, Project: "Isolation of Genetic Suppressors of *gld-I*;" University of Minnesota (1995), Professor: Dr. William Engeland, Project: "Gene Expression of TGF-B<sub>1</sub> and TGF-B<sub>3</sub> in Rat Adrenal Regeneration," Awards: 1st place in NSF Inaugural Conference.

**Laketta Liggins**  
**Talladega College**

900 Longview Avenue, Akron, OH 44307, (216) 376-7011, Major: chemistry; Minor: biology, Internship Experience: Alabama A&M University (1993), Professor: Dr. Thompson, Project: "Study of Compounds Using Gas Chromatography," Awards: 2nd place, Project for AMP Conference.



**Ashalla D. Magee**  
**Tougaloo College**

154 W. Northside Drive, Jackson, MS 39206, (601) 982-0370, Major: chemistry, Internship Experience: University of Alabama at Birmingham (1993), Professor: Dr. Tracy Hamilton, Project: "Theoretical Studies on H<sub>2</sub>AlPH<sub>2</sub> and H<sub>2</sub>GaAsH<sub>2</sub> Analogues of Ethylene—An Examination of Size Effects by Comparison with H<sub>2</sub>BNH<sub>2</sub>;" National Cancer Institute (1994), Professor: Dr. Dan Levy, Project: "Systemic DNA Sequence Variation Alters Mutation Frequencies at Nearby UV-Induced Hotspots;" University of Alabama at Birmingham (1995), Professor: Dr. Ming Luo, Project: "Purification of Soluble 3Dpol Poliovirus RNA Polymerase," Awards: 1st place winner of oral presentation (1995), The 5th Biennial Symposium for Minorities, 2nd place winner of poster presentation (1995), The University of Texas Medical Branch Undergraduate Research Science Symposium, National Dean's List Scholar (1995), Tougaloo College's 1994 Student Leader of the Year, MARC Scholar.

**Roycelynn Mentor**  
**Oakwood College**

24081 Jerome, Oak Park, MI 48237, (810) 544-8315, Major: biology; Minor: chemistry, Internship Experience: University of Alabama in Huntsville (1993), Professor: Dr. Campbell, Project: "The Development of an In Vitro Salivary Gland Model to Study Hormonal Regulation of the Epidermal Growth Factor Secretion;" Oakwood College (1995),



Professor: Dr. Gibbons, Project: "The Cocklebur Seed and its Effects on Tumor Growth," Awards: AMP Award for Research Presentation at UAH (1993), Biology Junior of the Year, Epsilon Phi Delta Certificate, Dean's List and Honor Roll Awards, Alpha Chi member, Secretary of Senior Class (1996).

**Tanisha Richmond**  
**Talladega College**

601 NW Central Avenue, Amite, LA 70422, (504) 748-5764, Major: biology, Internship Experience: Talladega College (1993), Professor: Dr. Lawrence Drummond, Project: "Innoculation of Mouse Cells with the Pox Virus;" University of Alabama at Birmingham (1994), Professor: Dr. Ken Marion; Tulane University (1995), Professor: Dr. Timothy Flynn, Project: "A Randomized Controlled Study to Evaluate the Contribution of Components in Flouracil/Epinephrine Injectable Gel in Patients with Basal Cell Carcinoma," Awards: Tri Beta National Biological Honor Society, Beta Kappa Chi National Scientific Honor Society.



**LaToya M. Sawyer**  
**Tuskegee University**

172 Sawyer Drive, Fitzgerald, GA 31750, (912) 423-5037, Major: biology, Internship Experience: University of Alabama at Birmingham (1993), Professor: Dr. Charles Poirer; Alabama A&M University (1994), Professor: Dr. Rather G. Brown, Project: "The Effects of Selective Concentrations of Sugar on the Developing Embryos of Sprague Dawley Rats;" University of Alabama at Birmingham (1995), Professor: Dr. Charles D. Amsler, Project: "The Influence of Growth and Experimental Temperatures on the Mobility of *Escherichia Coli*," Awards: 2nd place in biology, 1995 AMP Summer Conference, Presented project at NSF in Washington, D.C., 1995.



**Virginia Scott**  
**Stillman College**

805 37th Avenue, Tuscaloosa, AL 35401, (205) 345-6196, Major: biology; Minor: chemistry, Internship Experience: University of Alabama at Birmingham (1993), Professor: Dr. Thomas Norton, Project: "Scleral Resistance in Ocular Development;" University of Alabama in Huntsville (1994), Professor: Dr. Adriel D. Johnson, Project: "Amylase Production in Embryonic Chick," Awards: 2nd place, life sciences, 1993 AMP Summer Conference, 1994 AMP Summer Internship Award Scientific Competition, UAH/AAMU site competition.

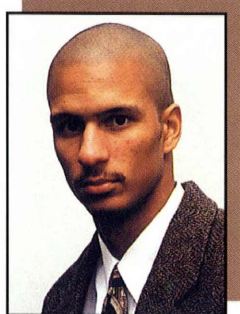




**Yvonne L. Spencer**  
**Talladega College**

1039 El Camino Drive, Birmingham, AL 35217, (205) 841-0120, Major: biology; Minor: chemistry.

**Jermaine Edward Walker**  
**Alabama State University**



2002 Bobhendrickson Court, Baltimore, MD 21237, (410) 483-6212, Major: computer science, Internship Experience: University of Alabama at Birmingham (1993), Professor: Dr. Kenneth Sloan, Project: "AVS Graphic System," Awards: 2nd place, AVS Graphic Systems, 1992-94 National Dean's List, 1992-93 Sophomore Class President, Member of Student Government Association.

**Bereaval Webb**  
**Oakwood College**



145 Cleveland Street SE, Atlanta, GA 30316, (404) 522-1290, Major: biochemistry, Internship Experience: University of Alabama at Birmingham (1993), Professor: Mr. Milton Brown, Project: "Synthesis of Phenyltoin Analogues;" Oakwood College (1995), Professor: Dr. Ephraim Gwebu,

Project: "Effect of Garlic Juice on Smooth Muscles," Awards: First place plaque at the UAB Research Exhibition, United Giving Scholarship, Faithful Membership Award for Science Club, Minority Biomedical Research Support Award.

**Eli Welch, III**  
**Alabama State University**

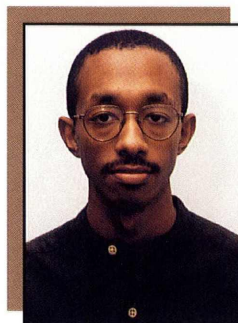
1441 Elysian Fields Avenue, New Orleans, LA 70117, (504) 947-0171, Major: computer science, Internship Experience: University of Alabama (1994), Professor: Dr. David Cordes, Project: "National Science Foundation Research Enrichment for Undergraduate Students;" University of Alabama in Huntsville (1995), Professor: Dr. Chang, Project: "Bifurcation of Dynamical System," Awards: National Dean's List (1992-95), Honor Roll Standing (1992-95), Omega Boys and Girls Club Scholarship.

**Phenicia Katrice White**  
**Alabama State University**



805 North Pass Road, Montgomery, AL 36110, (334) 264-5613, Major: mathematics, Internship Experience: University of Alabama at Birmingham (1993), Professor: Dr. Roman Kosecki, Project: "Iterations (Eigenvalues and Eigenvectors);" Alabama A&M University (1994), Professor: Dr. Jerry Shipman, Project: "Bifurcation."

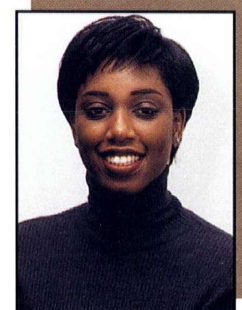
**Solomon Yilma**  
**Tuskegee University**



774 E. Boulder Creek Lane, Fresno, CA 93720, (209) 434-2675, Major: biology and chemistry, Internship Experience: University of Alabama at Birmingham (1993), Professor: Dr. Subu Chatterjee, Project: "Effect of Interferon Alpha and Beta on Replication of Herpes Simplex Virus Type-I;" New York

University (1994), Professor: Dr. Louise Pape, Project: "Effects of Promoter Region Linker Scanner Mutations on S. Pombe r-DNA Transcription;" Harvard University (1995), Professors: Dr. Michael Segal, Dr. Stuart Lipton, Project: "Presence of Late Sodium Channel Openings in a Model of Epilepsy," Awards: Member, Sigma Xi, Alpha Kappa Mu, Beta Kappa Chi, All-American Scholar Collegiate Award, Who's Who Among Students in American Colleges and Universities, National Dean's List, AMOCO Scholarship, Resident Assistant Service Award, Resident Assistant with highest GPA Award, Russell C. Ragland Memorial Award.

**Brandi S. Zeigler**  
**Miles College**



1602 Camille Street, Mulga, AL 35118, (205) 780-3608, Major: chemistry; Minor: mathematics/biology, Internship Experience: University of Alabama at Birmingham (1994), Professor: Dr. Adam Gordon; Alabama A&M University (1995), Professor: Dr. James Thompson, Project: "A Gas Chromatography Mass-Spectral Analysis of Commercial Garlic Oil and a Definitive Study of the Therapeutic Uses of Garlic and Garlic Derived Compounds."

# AMP Scholars in the Pipeline

## Juniors

Institution	Name	Major	Institution	Name	Major
<b>Alabama A&amp;M University</b>	Latricia Birgan	Mathematics	<b>Stillman College</b>	Keisha Gibson	Biology
	Patricia Buckhalter	Mathematics		Yolanda R. Nicholson	Biology
	Anthony Gray	Mathematics	<b>Talladega College</b>	Wendy Brittain	Mathematics
	Bodicia Johnson	Engineering		Tchkandice Cunningham	Computer Science
	Anitra Paster	Biology			
	Terrence Randolph	Engineering	<b>Tougaloo College</b>	Daphne Bilbrew	Biology
	Roderick Square	Engineering		LaShan Ferrell	Chemistry
	Brian Trayvick	Engineering		Everett Lockhart	Mathematics
	Vanessa Turner	Engineering		David Wilson	Chemistry
	Curtis Rice	Math Education			
<b>Alabama State University</b>	Verita Glanton	Chemistry	<b>Tuskegee University</b>	Jacqueline Collins	Biology
	Adonis James	Computer Science		Jamie Rowe	Biology
	Semone McAlpine	Computer Science	<b>The University of Alabama at Birmingham</b>	Corey McRay	Computer Science
	Marcus Vandiver	Chemistry		Veda Roseborough	Biology
<b>Miles College</b>	Lucretia Jones	Chemistry			
<b>Oakwood College</b>	Aaron Ates	Biochemistry	<b>The University of Alabama in Huntsville</b>	Kimeko S. Farrar	Engineering
	Isaac Palmer Jr.	Computer Science			
	Ariel Warden	Biochemistry			

## Sophomores

Institution	Name	Major	Institution	Name	Major
<b>Alabama A&amp;M University</b>	Amiraht Abdur-Rahman	Zoology	<b>Oakwood College</b>	Kelly Darby	Biochemistry
	Ronald Harper	Engineering		Bianca Humphrey	Biology
	Stephanie Keith	Computer Science		Tamara Young	Biochemistry
	Adria Mason	Mathematics	<b>Stillman College</b>	Michael Burton	Biology
	Teresa Pruitt	Math Education		Anita Chambers	Physics
	Pamela Watkins	Mathematics		Geneeco Hudson	Biology
<b>Alabama State University</b>	Kevin Bolden	Mathematics	<b>Tougaloo College</b>	Kenya McRae	Computer Science
	Ebony Davis	Chemistry		Geneva Wilder	Biology
	Darryl Gray	Computer Science			
	Cederick Moore	Computer Science	<b>Talladega College</b>	Tawana Johnson	Biology
	Hugh Wills	Biology		Tamara Woody	Biology
<b>Auburn University</b>	Antonio Benford	Engineering	<b>Tougaloo College</b>	Nikki Arrington	Chemistry
	Charles Lewis	Engineering		Portia Grayson	Biology
	Kemka Ogburia	Microbiology		Tameka Simmons	Biology
	Tabiatha Robinson	Computer Science	<b>The University of Alabama at Birmingham</b>	Ayesha Chandler	Engineering
	Kenishia Sapp	Engineering		George Medlock	Engineering
	Kelly Taylor	Chemistry		Stephanie Ford	Engineering
	Joe White	Engineering		Sabrenia Harper	Engineering
<b>Miles College</b>	Rosland Killingsworth	Chemistry	Clarissa McIntosh	Biology	
	Stanley Kindall	Biology	Maisha Nixon	Biology	
	Tamela Paige	Biology			



# AMP Scholars in the Pipeline

## Sophomores

Institution	Name	Major	Institution	Name	Major
<i>The University of Alabama in Huntsville</i>	Sabrina Goode	Engineering	<i>The University of Alabama</i>	April Brown	Chemistry
	Torrance L. Gordon	Engineering		Adrienne James	Chemical Engineering
	Sabrina East	Engineering		Felton Fomby	Electrical Engineering
	Heather Suttlar	Mathematics			
	Cory Davis	Engineering			
	Meconya Johnson	Biological Sciences			
	Tawanda Bradford	Engineering			
	Che'Jerome McNichols	Computer Science			
	David Keith	Engineering			
	Harry Mathis	Engineering			
Lydell Collier	Biological Sciences				

## Freshman

Institution	Name	Major	Institution	Name	Major
<i>Alabama A&amp;M</i>	Latoya Davenport	Engineering	<i>Stillman College</i>	Musheerah Herd	Engineering
	Anita Garner	Biology		Candance Hodge	Biology
	Tarsha Lockhart	Mathematics		Kimberly McCord	Biology
	Volanda Reedus	Biology		Sherea Skinner	Biology
	Ishmael Schoolfield	Mathematics			
<i>Alabama State University</i>	Ondra Smith	Engineering	<i>Tuskegee University</i>	LaToya Gray	Biology
	Ebony Peebles	Mathematics		Dana Jones	Biology
Trissi Simpkins	Biology	Marnique Towns		Biology	
Angela Stallworth	Chemistry	Bikira Radcliffe	Biology		
<i>Auburn University</i>	Carlos Dees	Microbiology	<i>The University of Alabama</i>	Robert Bryant	Computer Science
	Fadwa Eljack	Engineering		LaToya Jackson	Chemical Engineering
	Valencia Hunter	Microbiology		Freddie Stewart	Civil Engineering
	Obinna Nnedu	Zoology		James Young	Aerospace Engineering
	Oyiosa Oni	Engineering	<i>The University of Alabama at Birmingham</i>	Cheryl Carter	Biology
	Casey Robinson	Engineering		Tamala Blevins	Engineering
	Jason Winton	Engineering		Chavarro Floyd	Engineering
<i>Miles College</i>	Deron Jemison	Mathematics	Kataren Johnson	Biology	
	Tishawn McWilliams	Chemistry	Tonya Smitherman	Biology	
	Kel'Suana Williams	Chemistry			
<i>Oakwood College</i>	Gianna Hutton	Biology	<i>The University of Alabama in Huntsville</i>	Farrah Coffey	Engineering
	Kelly Lee	Biology		Katachia Dale	Engineering
	Mandisa Newman	Biochemistry		Wendell Lofton	Engineering
	Erika Pollard	Mathematics		Kristin Prince	Engineering
	Julian Stewart	Biochemistry		Tiffani Morrow	Biological Sciences
	Toayann Tinsley	Biology		Wendy Redoblado	Chemistry
	Khari Washington	Biochemistry		Yolanda L. Jones	Biological Sciences
<i>Tougaloo College</i>	Sheikilya Lewis	Chemistry	Courtney King	Engineering	
			Tykeela Stephens	Engineering	
		Shani Frazier	Chemistry		
		LaTonya Wesley	Biological Sciences		

## Seniors

Institution	Name	Major
<i>Tuskegee University</i>	Terrance Smith	Biology

# List of 1995 AMP Scholars/Interns Enrolled in Graduate School

## **AAMP Institution - Alabama A and M University**

<b>Students Name</b>	<b>Undergraduate Major</b>	<b>Graduate School</b>	<b>Major</b>
Dawn Birgan	Mathematics	Alabama A&M University	Math Education
Yolanda Whitfield	Mathematics	Arizona State University	Statistics

## **AAMP Institution - Alabama State University**

<b>Students Name</b>	<b>Undergraduate Major</b>	<b>Graduate School</b>	<b>Major</b>
Tracey Tullie	Mathematics	North Carolina University	
Keith L. Sims	Mathematics	Clark-Atlanta University	

## **AAMP Institution - Miles College**

<b>Students Name</b>	<b>Undergraduate Major</b>	<b>Graduate School</b>	<b>Major</b>
Gretchen O'Neal	Chemistry	Wayne State University	Chemistry
Jeffery Spann	Mathematics	Clark-Atlanta University	Mathematics

## **AAMP Institution - Oakwood College**

<b>Students Name</b>	<b>Undergraduate Major</b>	<b>Graduate School</b>	<b>Major</b>
Sonia Benn	Biochemistry	University of Tenn.	Medicine
Jon McIver	Biology	Loma Linda University	Medicine
Romona Pilliner	Biochemistry	Loma Linda University	Medicine
Charlotte Pullins	Biochemistry	UMD New Jersey	Dentistry

## **AAMP Institution - Stillman College**

<b>Students Name</b>	<b>Undergraduate Major</b>	<b>Graduate School</b>	<b>Major</b>
Monica Grandison	Chemistry	University of Georgia	Pharmacology
Takisha Thomas	Mathematics/English	New York University	Mathematics

## **AAMP Institution - Tougaloo College**

<b>Students Name</b>	<b>Undergraduate Major</b>	<b>Graduate School</b>	<b>Major</b>
Kimberly Jackson	Biology	Brown University	Medicine
Audray Harris	Chemistry	UAB	Pharmacology
Marilyn Wyatt-Harris	Biology	UAH	Biological Sciences
Yonka Holmes	Mathematics	UAH	Mathematics

## **AAMP Institution - The University of Alabama in Huntsville**

<b>Students Name</b>	<b>Undergraduate Major</b>	<b>Graduate School</b>	<b>Major</b>
Tyrone Quarles	Engineering	University of Alabama	Law

## **AAMP Institution - Tuskegee University**

<b>Students Name</b>	<b>AMP Institution</b>	<b>Graduate School</b>	<b>Major</b>
Stephen Nurse-Findlay	Biology	Johns Hopkins University	Medicine

# The Alabama Program

The Alabama Alliance for Minority Participation Program began in 1991 with eight Historically Black Colleges and Universities and the University of Alabama at Birmingham. Conceived and initiated by ten Black faculty members at these institutions with Ph.D. degrees in mathematics and science, the alliance had a single goal of significantly increasing the number of minorities receiving bachelor's degrees in science, engineering, and mathematics in Alabama and parts of Mississippi. Today the alliance membership has increased to thirteen and includes all of the major colleges and universities in Alabama and several national businesses. The success of the alliance is a result of the following programs:

- ❖ AMP Scholars - A group of high achieving minority students, supported by Alabama AMP, forming a nucleus or core of successful science, engineering, and mathematics students and role models at each alliance institution. These students lead study groups and serve in the AMP Drop-In Centers.
- ❖ AMP Summer Research Internship Program - A program involving students from the alliance institutions in research activities, mentoring, and science career seminars. Students prepare research projects for presentation at the Student Conference.
- ❖ AMP Student Summer Conference - A conference bringing students from alliance institutions together to share experiences and meet graduate students studying science, engineering, and mathematics. Students are exposed to minority scientists and other role models and present research projects resulting from their Summer Internship Program.
- ❖ AMP Institution Mentoring Program - A program involving AMP Scholars and faculty mentors in academic guidance activities. Faculty mentors provide assistance in academic and other school related matters.
- ❖ AMP Drop-In Centers - A center at each alliance institution designed to assist students taking science, engineering and mathematics courses. These centers are used for group study sessions in all of the sciences and are equipped with computers and appropriate software. They

are staffed by faculty and students and some have a full-time director.

- ❖ AMP Faculty Conferences - A series of conferences bringing science and engineering faculty from alliance institutions together to discuss and make recommendations concerning student retention, curriculum reform, and student progress in the science "gatekeeping" courses. Notable speakers are invited to give a national perspective on these issues.
- ❖ Summer Bridge Program - A summer program for entering freshmen planning to study science, engineering, and mathematics at alliance institutions. Program participants receive academic enrichment, attend weekly seminars and career counseling sessions and engage in mentoring and orientation activities.
- ❖ Annual Southeastern AMP Student Conference and Science Exhibit Competition - An annual conference and scientific exhibit competition bringing NSF AMP students from throughout the United States together to share successes and problems faced by minority students. A forum is provided to showcase student research.
- ❖ Alabama AMP Science Day - A day set aside on each Alliance campus during the month of February to highlight science, engineering, and mathematics. Students from local high schools are brought to campuses to participate in a variety of planned activities and to meet college students pursuing degrees in science, engineering, and mathematics.

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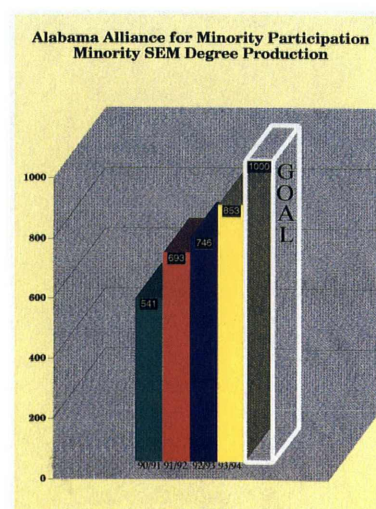
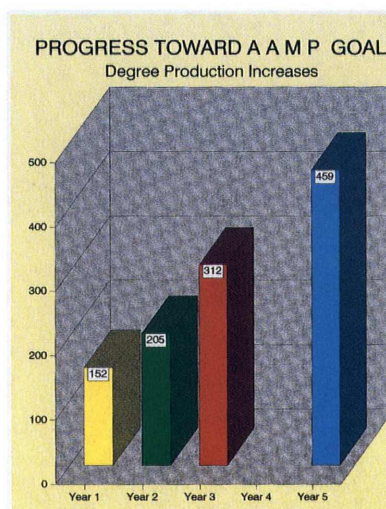
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## Alliance Institutions

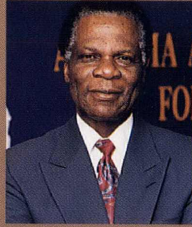
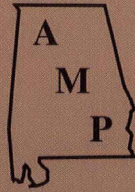
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Alabama State University  
Tuskegee University  
The University of Alabama at Birmingham  
The University of Alabama in Huntsville  
The University of Alabama

Miles College  
Oakwood College  
Stillman College  
Talladega College  
Tougaloo College  
Auburn University

## Program Results



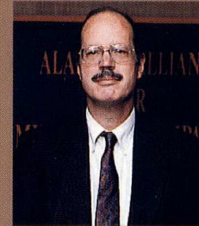
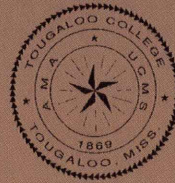
# THE ALABAMA ALLIANCE FOR MINORITY PARTICIPATION



Project Director  
**Dr. Louis Dale**  
 Associate Vice President  
 for Academic Affairs  
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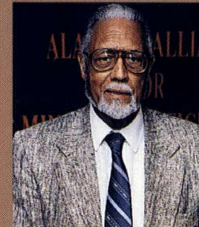
**Dr. Jerry Shipman**  
 Alabama A&M University



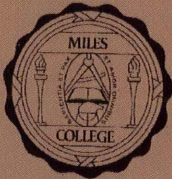
**Dr. Richard McGinnis**  
 Tougaloo College



**Dr. Wallace Maryland, Jr.**  
 Alabama State University



**Dr. J.H.M. Henderson**  
 Tuskegee University



**Dr. David McCants**  
 Miles College



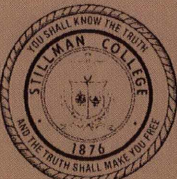
**Dr. Marius Nkashama**  
 The University of  
 Alabama at Birmingham



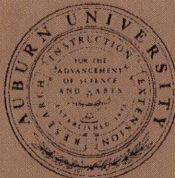
**Dr. Kenneth LaiHing**  
 Oakwood College



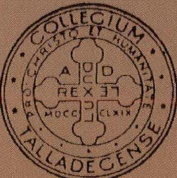
**Dr. Adriel D. Johnson**  
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**Dr. Overtoun Jenda**  
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**Dr. Arthur Bacon**  
 Talladega College



**Dr. Karen Frair**  
 The University  
 of Alabama