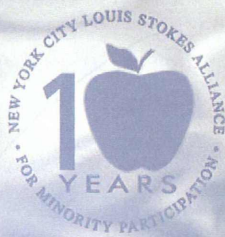
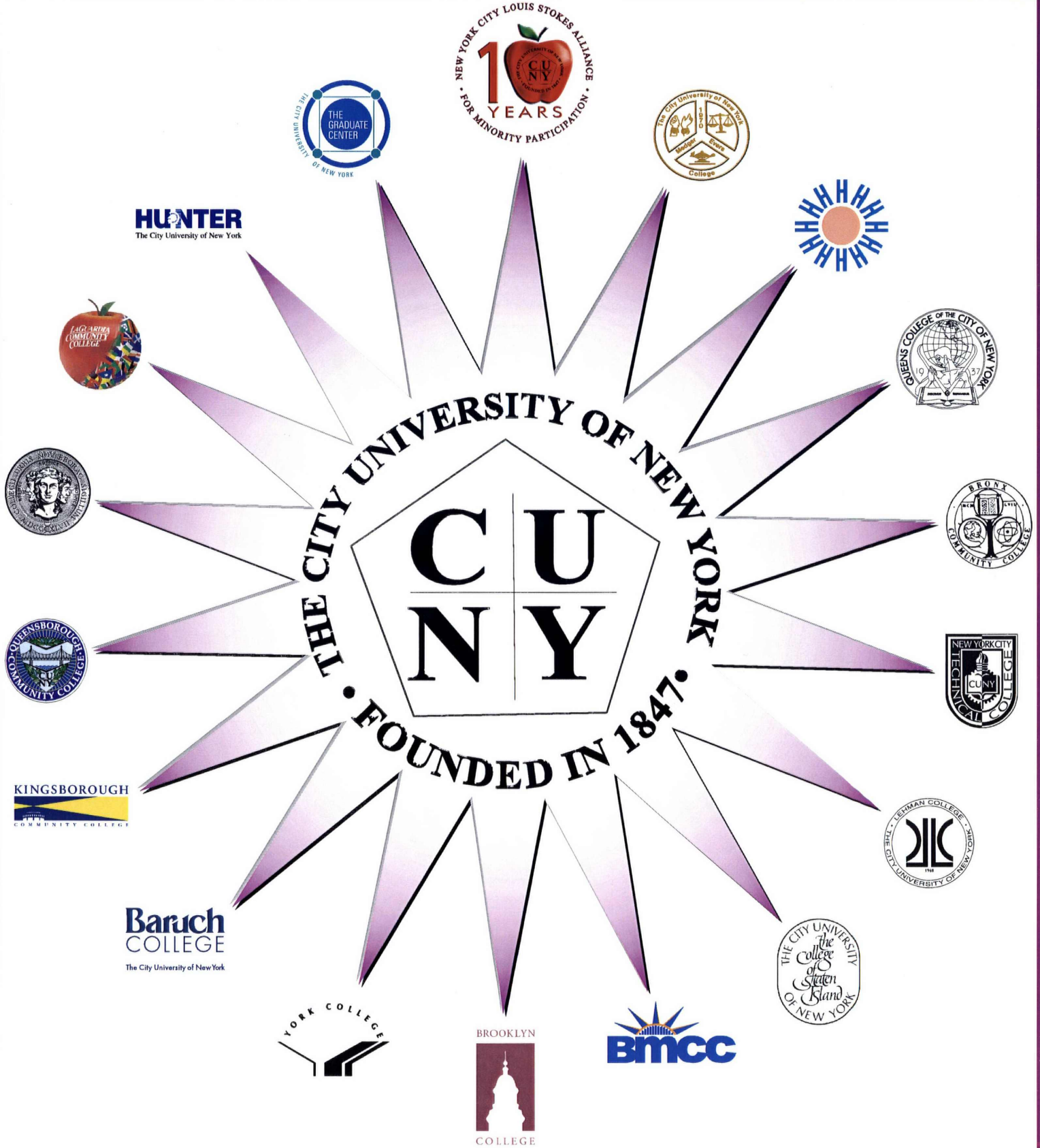


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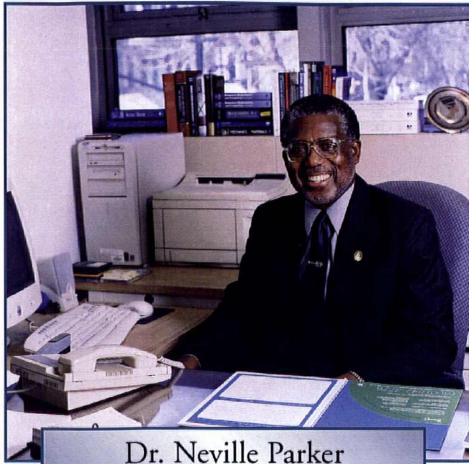
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Commemorative Booklet  
Louis Stokes



# Congratulations



on Ten Years of Service to the City University of New York



Dr. Neville Parker

At this very special juncture, we mark a decade of Alliance activities in the City University of New York, and we are thankful for the support of all.

From inception in 1992, the NYC Alliance sought to provide a university wide response to the national call to produce substantial increases in the number of African-American, Hispanics, Native Pacific Islanders and Native Americans enrolling and graduating in the Science, Technology, Engineering and Mathematics disciplines.

As a University, the affirmative response to the challenge over the last ten years by committed Faculty, Steering Committee members, Activity Coordinators, students, Agency, Industry and Academic partners, was, and will continue to be instrumental in our program's success. This support is coupled with the excellent vision, leadership and support from Chancellors Ann Reynolds, Christoph Kimmich and Matthew Goldstein towards the aforementioned goals.

My return to the University in 1988 as a faculty member in the School of Engineering has allowed me to contribute to the traditional role that the City University of New York has played in providing opportunity to groups traditionally underrepresented in the Science and Engineering workforce of this country. Being a participant over the ten years of the Alliance has allowed me and others to witness firsthand the transformation of our students from undergraduate student, to graduate student, and now future faculty members.

On behalf of the City University of New York and the New York City Louis Stokes Alliance we extend our gratitude and thanks.

Neville A. Parker, Ph.D., P.E.  
Herbert G. Kayser Professor of Civil Engineering  
Project Director, NYC Louis Stokes Alliance





Dr. Rita Colwell

#### On the LSAMP Program:

I will begin by congratulating you on ten years of sheer excellence. NSF and the nation are grateful for your consistent effective work on recruiting the bright and talented students to the STEM disciplines. The LSAMP program is a wonderful successful story. Since it began in 1990 the program has produced well over 170,000 minority baccalaureate students. This year student participants have now reached an all time high of 201,615 enrollees. That is a good sign for our country. The LSAMP umbrella is continuously expanding, three new alliances were recently added. The Pacific, the North East, and the Mid-East LSAMP. We can be assured that these new alliances will continue to enhance minority participation.

#### On Diversity:

We are united in the need to diversify the Science and Engineering workforce so that it looks like the ever changing composition of our country. This is not only the right thing to do, and the just thing to do, but it is the best move that we can make to ensure our nation's future. And your hard work with the New York City LSAMP has already brought us steps closer to making it a reality.

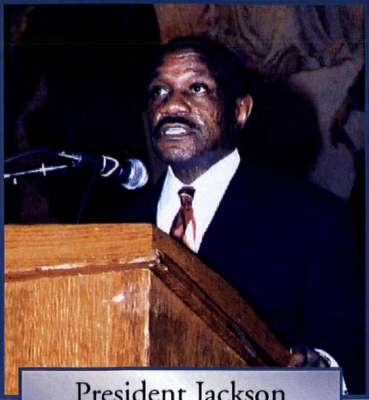
Our society is rooted in Science & Technology, and it simply cannot sustain itself, let alone be robust, without a world class cadre of scientists, engineers and mathematicians in a highly qualified complementary workforce. Diversifying the STEM workforce is vital to sustaining our economic pace and continuing our ability to compete. Our entire workforce must be educated and trained to participate fully in a society that is increasingly complex, but potentially more fulfilling for each one of us. Our STEM workforce in particular will be critical to this task. Broadening participation in our specialized workforce must come from the land of plenty, which is the United States. This includes our mostly untapped potential of underrepresented minorities which I would call America's competitive edge for the 21st century. Here lies one of America's greatest opportunities and one that we must all meet with commitment.

Focusing on broadening participation of underrepresented minorities has to be the drum beat for each of us. Our STEM workforce can become ever more capable and competitive if we achieve this goal. Our nation can be stronger, more productive.



Chancellor Goldstein

Congratulations to our students and faculty who are here today. You are the true gifts to our institutions, you are the true gifts to our society by the work that you do. In pockets of America, in Urban America in particular, too many young people are not being exposed to very basic ideas in science at a very young age, and that divide is widening, not narrowing. The educational and science divide those people that have access to good exposures to science in primary and secondary school, and those that don't, present a clear and present danger for our national security. The divide augurs poorly for us as a society and we must turn it around. I cannot think of a better way to do that than what we are doing in AMP. The AMP as a program was designed at its inception to bring together people who have not been exposed or encouraged enough to participate in the study of mainstream science. For that, the founding brothers and sisters, who had this wonderful idea of AMP, I salute you. As a society we do not have a choice, it must continue and it must expand. We must educate the entire people.



President Jackson

On behalf of the entire Medgar Evers College Family, I offer sincere congratulations on ten years of impressive Louis Stokes Alliance for Minority Participation activities at the City University of New York. Needless to say, the LSAMP program has been of vital importance to many CUNY Students, including our students at Medgar Evers College.

I salute LSAMP for providing an opportunity for students to engage in meaningful research as part of their educational pursuits. Research is an invaluable experience for students. It is what makes theoretical concepts real. The LSAMP program provides a crucial service in giving students the opportunity to test theories and advance science to the next level. Research Scholars produced by the LSAMP program may one day be the pioneers who will lead us bravely into a new future.

It is particularly significant to note that the LSAMP program has done an excellent job in exposing minority students to careers in science, mathematics and engineering. Clearly, the program's administrators recognize that we will need every mind and intellect to meet the challenges of this century and beyond. Therefore, I wish the program continued success and growth.



## LSAMP ENTERS TEN YEARS OF ALLIANCE ACTIVITIES IN THE CITY UNIVERSITY OF NEW YORK

- 1992** 13 Colleges of the City University of New York  
Course restructuring in Math Enrolling 1000 Students, workshop approach to gatekeeper courses in Math, Chemistry and Physics  
Undergraduate Research Experience
- 1993** NASA Partnership begins with the Institute of Climate and Planets
- 1994** NYC LSAMP Governing Board Established
- 1995** Other NASA Partnerships: MASTAP and MUSPIN  
NSF Funding for Workshop Chemistry  
SEMRAP Awards
- 1996** Institutionalization Plan for Phase II
- 1997** Phase II Begins  
16 Colleges and the Graduate School and University Center
- 1998** Program named for retiring congressman Louis Stokes
- 1998** 1st Annual Urban University Conference Series
- 1998** Institutionalized courses enrolling 7,303 Students  
198 LSAMP Scholars  
110 Faculty Mentors  
128 Institutionalized Research Scholars
- 1999** Institutionalized and restructured courses enrolling over 11,000 Students  
Over 250 LSAMP Scholars  
142 Faculty Mentors  
165 Institutionalized Research Scholars  
139 Summer Participants  
55 Students participated in the Pre-collegiate program  
18 LSAMP Scholars participate in the Teacher Preparation Program
- 2000** Institutionalized and restructured courses enrolling over 13,300 Students  
Over 200 LSAMP Scholars  
163 Faculty Mentors  
30 Faculty Research Awards from 1995-2000  
194 Institutionalized Research Scholars  
120 Summer Participants in CUNY  
50 Summer ICP Participants at NASA GISS and CUNY Campuses  
47 Students participated in the Pre-collegiate program  
18 LSAMP Scholars participate in the Teacher Preparation Program
- 2001** Inauguration of the LSAMP Carver Scholars Program  
Preliminary discussions on the CUNY Consortium for Minority Participation in SMET (CCMP-SMET)  
Four Borough-wide Forums for the academic year 2000-2001  
Institutionalized and restructured courses enrolling over 14,598 Students  
42 Faculty Research Awards from 1995-2001  
From inception, 230 LSAMP Scholars have earned BA or BS degrees  
50 LSAMP Scholar participants in CUNY Summer Research  
Over 40 LSAMP Scholars participants in research and internships at non CUNY sites



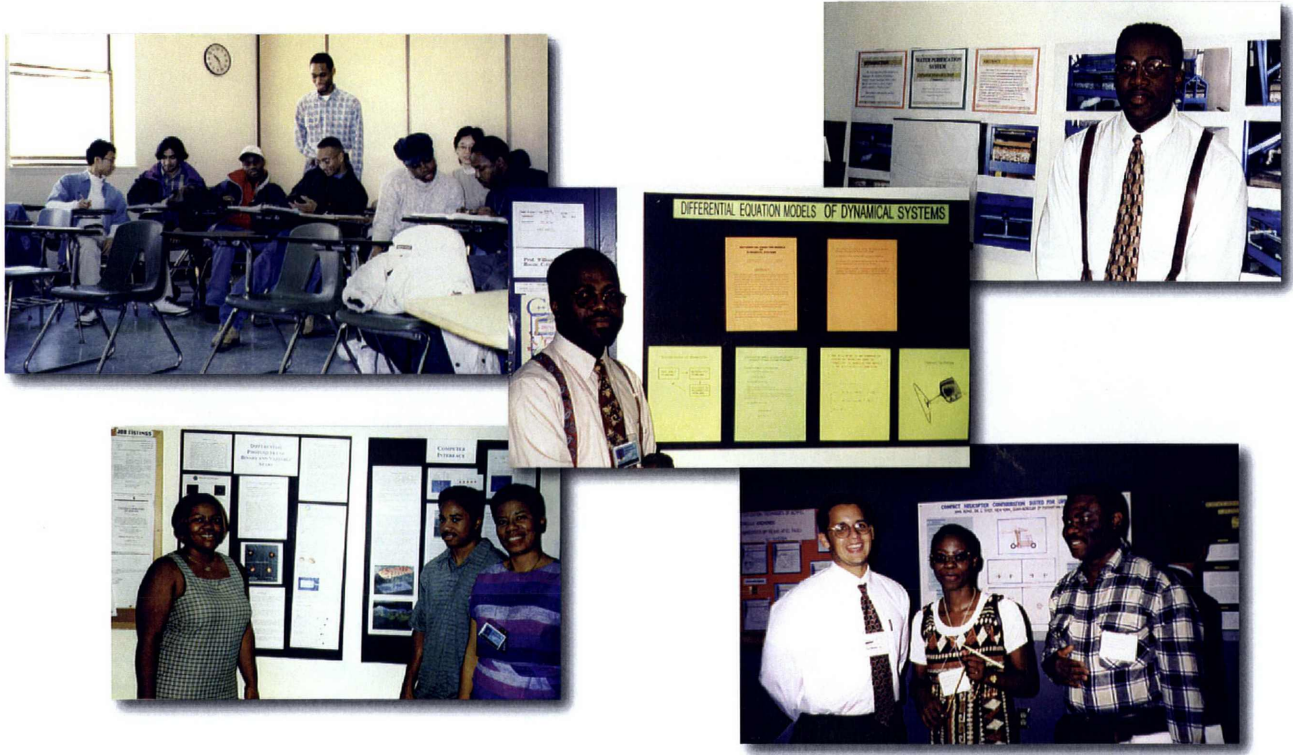
Baruch  
COLLEGE

BUMCC



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LSAMP Program Activity	LSAMP Phase I (Program Inception)	LSAMP Phase II (Institutionalization)
Program Management	AMP Steering Committee and Governing Board	Project Administrator and Central AMP Office
Campus Home Base	Learning Centers and Activity Coordinators	Learning Centers and Activity Coordinators
Peer Tutoring and Mentoring	Learning Center SMET Peer Tutors	Learning Center SMET Peer Tutors
Research	Research Assistants	Research Assistants, K-12 through Ph.D., Educational Continuum
Faculty Mentoring	Faculty/Students	Faculty/Students
Community College Participation	Faculty Research Program	Faculty Research Programs
Curriculum Reform	Restructured Courses in SMET	Institutionalized courses in SMET CUNY wide
		Increasing External Support LSAMP Model Development and Implementation Integrated CUNY Approach to SMET Education CUNY Cost Share CCMP-SMET Proposal



Greetings to the NYC-LSAMP,

I am deeply pleased to congratulate the New York City Louis Stokes Alliance for Minority Participation in Science, Mathematics, Engineering and Technology on its 5<sup>th</sup> Annual Urban University Conference, marking a decade of activity at The City University of New York.

Now more than ever, our nation's well-being depends on promoting interest in the sciences, especially among student groups that have traditionally been under-represented. For ten years, LSAMP has launched CUNY's minority science majors to success in teaching and researching science, engineering, mathematics and technology. From recruiting students to organizing seminars to restructuring curriculum, LSAMP ensures that CUNY's diverse population will be active contributors to America's scientific and technological future.

We are indebted to the extraordinary people in this program for their hard work and dedication, and I am proud to celebrate their many impressive accomplishments over the last decade. I commend you and all the faculty, staff, and students associated with the program on ten years of outstanding achievement, and extend my very best wishes for many years of resounding success to come.

Sincerely yours

Matthew Goldstein



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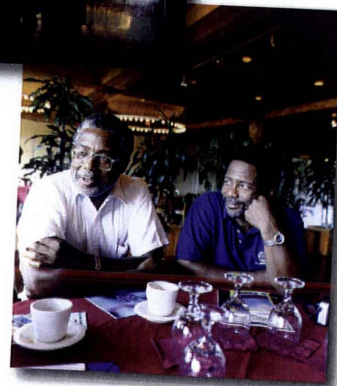
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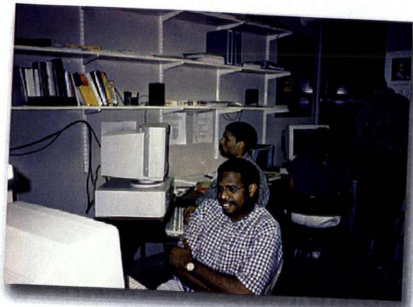
BRUNY  
COLLEGE



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Greetings to the NYC-LSAMP,

The National Science Foundation is proud to be a supporter of NYC-LSAMP and extends congratulations on this your 10th anniversary.

We at NSF have watched your steady progress in increasing the number of underrepresented minority students who pursue and graduate with Baccalaureate Degrees in Science, Mathematics, Engineering, and Technology (SMET).

Since NYC-LSAMP began in 1992, you can boast awarding 5,800 Baccalaureate degrees, a very special achievement.

The nation's growing emphasis on a science and engineering driven economy requires the aggressive enlistment of underrepresented minority students to careers in these disciplines.

NSF and the nation are grateful for the consistently effective work of NYC—LSAMP in recruiting students to SMET disciplines. The mentoring and nurturing support provided by NYC—LSAMP for many students has made the difference in earning a degree.

We at NSF wish you decades more of continuing success. With this success, you advance America's prosperity.

Congratulations.

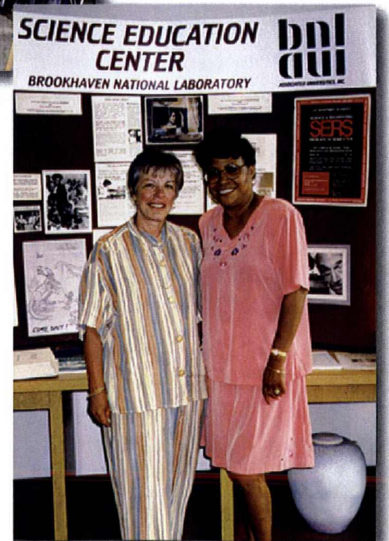
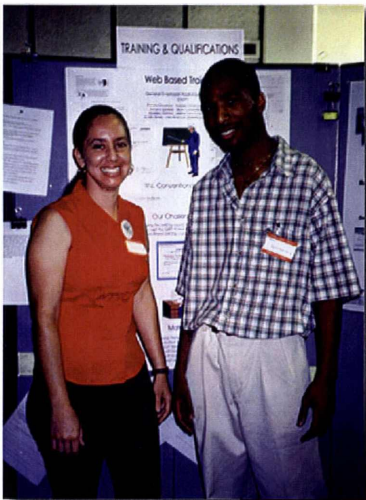
Sincerely,

Rita Colwell, Director  
National Science Foundation

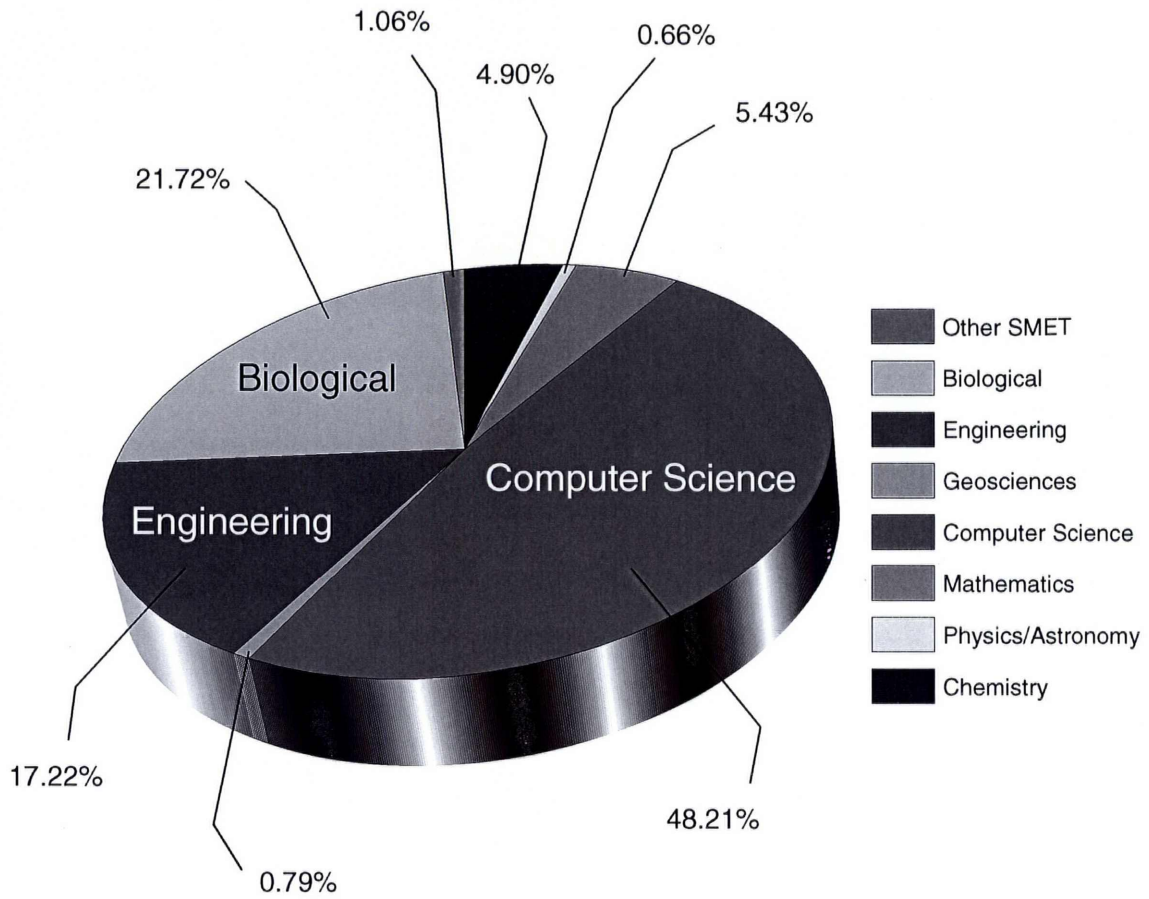
# Congratulations to the New York City Louis Stokes Alliance for Minority Participation for 10 years of service

**The Bronx Community College  
Alliance for Minority Participation**  
181st Street & University Ave.  
Bronx, NY 10453  
718-289-5640 - [www.bcc.cuny.edu](http://www.bcc.cuny.edu)

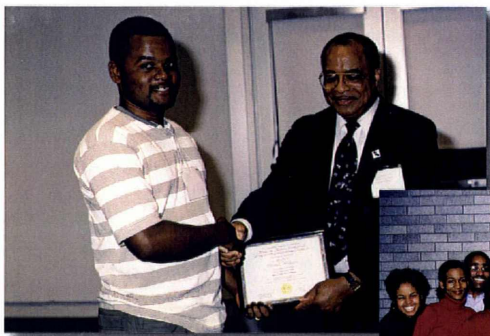
**Carolyn G. Williams, President**



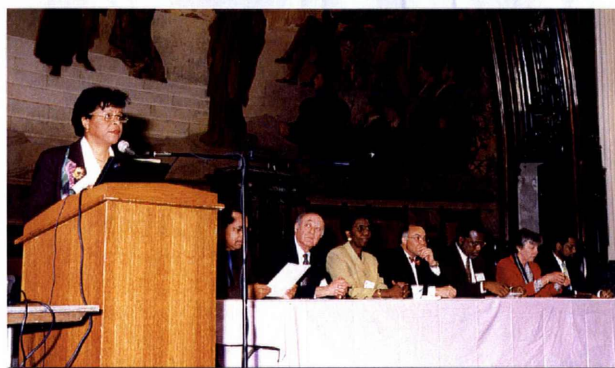
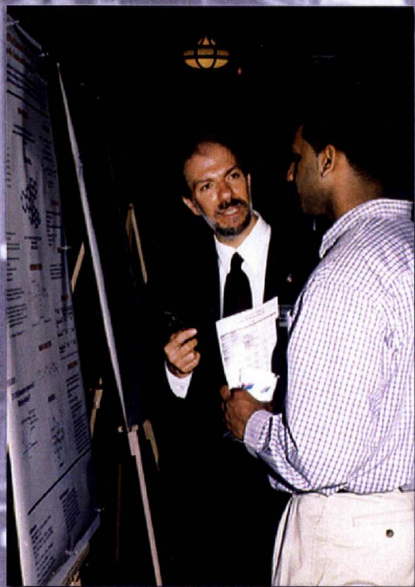
# CUNY 2001 SMET BA/BS DEGREES BY FIELD



- Other SMET
- Biological
- Engineering
- Geosciences
- Computer Science
- Mathematics
- Physics/Astronomy
- Chemistry









## URBAN UNIVERSITY CONFERENCE SERIES

Held annually since 1998, the conference has attracted 200 participants in 1998, and over 500 participants in 1999, 2000 and 2001. The conference serves to highlight the research work done by faculty and CUNY students involved in undergraduate and graduate research, serve as networking event for other minority scientists and engineers, and as a forum for students to gather information on internships, graduate programs, and employment.

There is a considerable need to encourage more minority students to pursue careers in Science, Mathematics, and Engineering, be it in government, industry or academia. Alerting these students to the pathways at the earliest stage is important. It is also extremely important that we demonstrate that these pathways exist and can be achieved.

Central to the City University's mission of access and excellence are the undergraduate research programs across the University supported by the National Science Foundation, the National Institutes of Health, the Department of Energy, the Mellon Foundation, Carver Bancorp Foundation, the Pfizer Foundation, Bristol Myers Squibb Foundation, the Sloan Foundation, the Department of Education, New York State Education Department, and NASA.

Learning communities across CUNY have contributed immensely to the University graduating over 5,800 minority graduates between 1992 and 2001. Building on existing strategies and successes of the past, and initiating new relationships between, industry, academia, foundations and agencies, the event should serve as a forum for key stakeholders, minority students, scientists and other professionals.



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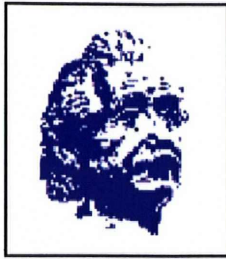
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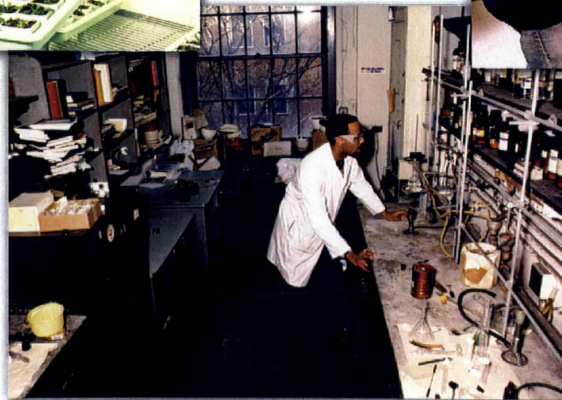
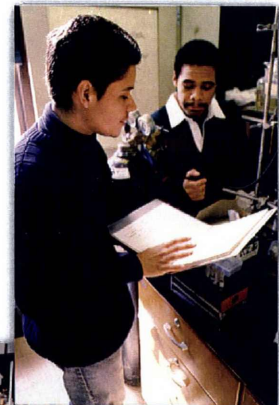


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Students in the Sue Golding Graduate Division of the Albert Einstein College of Medicine carry out basic biomedical research in an interdisciplinary, collegial atmosphere. Einstein provides a stimulating but nurturing environment in which students acquire the knowledge and skills to obtain the Ph.D. and M.D./Ph.D. degrees and to become

independent scientists holding academic, industrial and government positions worldwide. During the first year, students enter into a series of laboratory rotations that afford the opportunity to work on research projects in different disciplines and departments before deciding on a thesis project. With approximately 200 full-time faculty members and state-of-the-art shared scientific facilities, Einstein trains students in the latest technological approaches to solving fundamental questions in biology and medicine. All students receive financial assistance, including a generous stipend (anticipated at \$23,000 for 2002), tuition remission, subsidized on-campus apartments, and health insurance. Einstein provides world-class research opportunities in the biomedical sciences, from a pleasant residential campus in the north Bronx, with easy access to all parts of the New York metropolitan region. For more information, please visit our webpage: [www.aecom.yu.edu/home/SGGD/](http://www.aecom.yu.edu/home/SGGD/)



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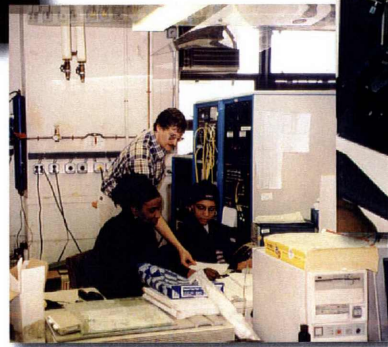
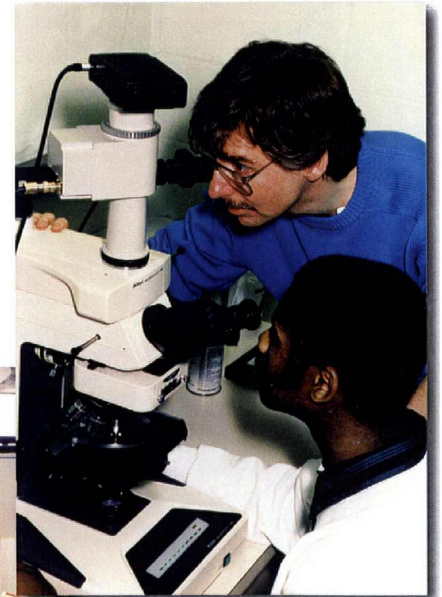
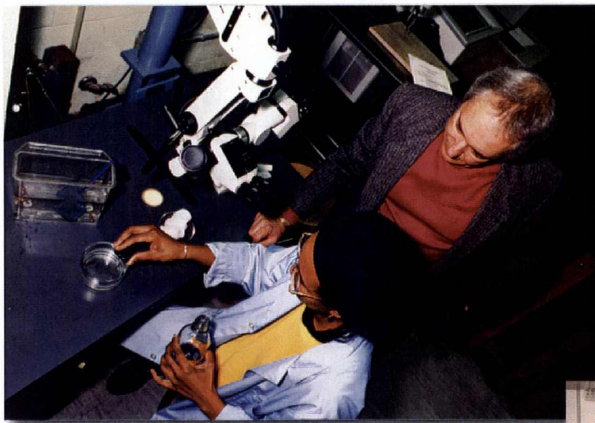
**[www.nyctc.cuny.edu](http://www.nyctc.cuny.edu)**

Greetings to the NYC-LSAMP,

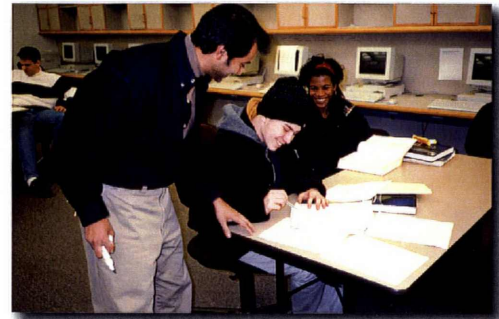
Please convey my deep appreciation to the participants in this conference for it has been their dedication and hard work that paves the way for the next generation to follow. NSF and the grantee institutions set ambitious goals before the Alliance awards were implemented. Now, thanks to that ambition, we can look back on ten years of progress toward achieving a more inclusive and representative scientific workforce. You have my best wishes for a productive conference.

Clifton A. Poodry Ph.D.

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SHIP LINKS

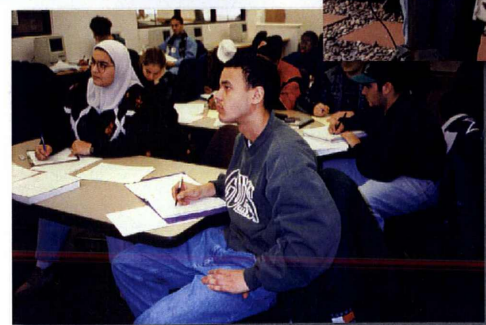
POST DOCTORAL  
APPOINTMENT LINKS

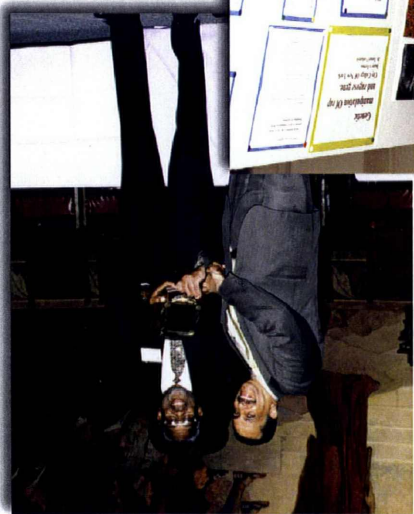
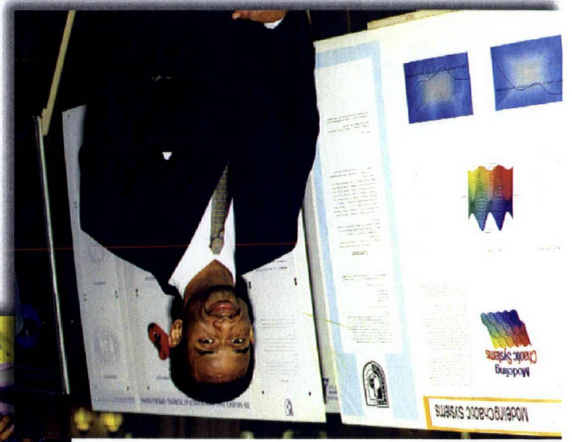


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Admissions Office  
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Emma Griffis  
Assistant Director/Grad. School  
The University of Texas at Austin  
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Thomas Windham  
UCAR/SOARS  
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Albert Einstein College of Med.  
Sue Golding Grad. Division  
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Columbia University  
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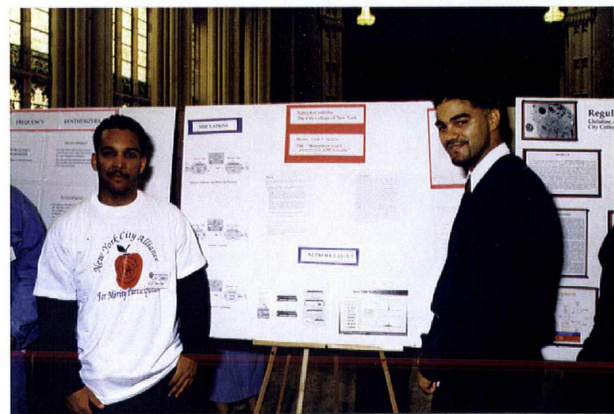
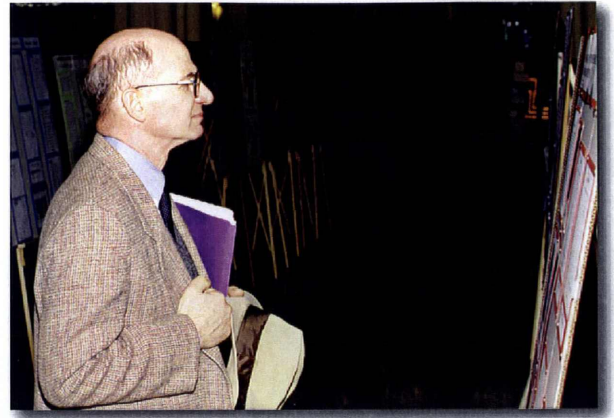
Laura Serrano  
Arizona State University  
480-965-3958

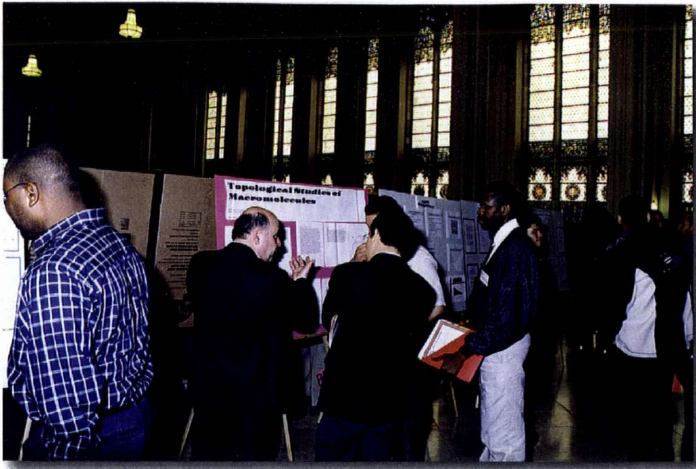
Ann Lewis  
Northeast Alliance AGEP  
413-577-0077

Janine Capsouras  
University of Michigan  
734-764-9978

Millicent Roth  
CCAPP Programs City College  
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Lorraine Towns  
OEODP CUNY Graduate Center  
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Jeffrey Johnson  
NSF Graduate Research Fellowships  
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Karen Basnight  
NIGMS EEO Officer  
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Thomas Rozzell  
Fellowship Office  
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Fred Beaufait  
New York City Tech  
718-260-5400

Lloyd Evans, Administrator  
Grad. Research Program  
NASA Langley Research Center  
757-864-5209

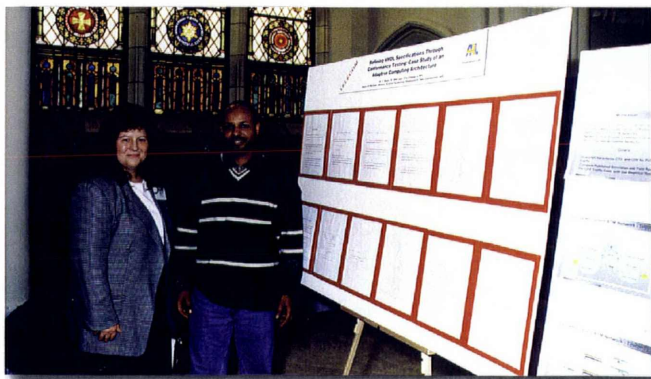
Elizabeth Laquez  
Graduate College,  
ASU Project 1000  
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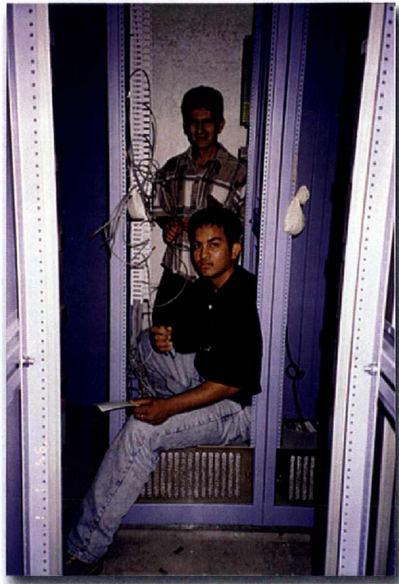
Mecbib Gemada  
RCMI Hunter College  
212-650-3957

Enid Ringer  
NOAA CREST City University  
212-650-8379

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“SOARS is a model of the multi-year interactions that the NYC LSAMP is encouraging. It offers a programmatic structure that complements what the LSAMP does during the academic year.”

**SOARS and NYC LSAMP offer a synergistic collaboration that supports success. SOARS summer internships provide:**

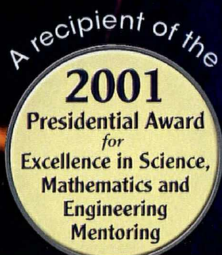
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“SOARS and AMP are two programs that have helped me to pursue research in atmospheric science. The exposure and contacts that I’ve made along the way have given me valuable insights on the field I would like to pursue in the future.”



Pauline received a first place award for her presentation for the Geoscience/Atmospheric Science Section at the 2001 SACNAS conference.

SOARS is sponsored by the University Corporation for Atmospheric Research (UCAR) through partnership with the National Science Foundation (NSF) and support from the Department of Energy (DOE), the National Aeronautics and Space Administration (NASA), the National Oceanic and Atmospheric Administration (NOAA) and participating universities.



**SOARS encourages applications from interested NYC LSAMP students.**

Please visit us at our booth or contact us at: [www.ucar.edu/soars](http://www.ucar.edu/soars) • email [soars@ucar.edu](mailto:soars@ucar.edu) • phone 303-497-8622