

PACE IS . . .

Program for Acceleration in Careers of Engineering—Monmouth Branch

March 2008

Twenty-Fifth Anniversary



Designed by Andrea Raywood, Student for the 25th Anniversary

Twenty-five years strong! It's hard to believe **PACE** (*Program for Acceleration in Careers of Engineering*) - **Monmouth** has been in existence that long. How time flies! As our mission statement says, "PACE-Monmouth is a science and engineering awareness program in which professionals

volunteer their time to work with minority high school students to help prepare them for college and technical careers. Emphasis is placed on mathematics instruction, engineering orientation, college preparatory skills, and cultural awareness."

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Message from Co-Founder



Michael M. Sanders

In the early 1980s, a group of African American technical professionals in Monmouth County, New Jersey had the collective vision of the power that could be generated if they created a program to share their personal talents, skills and their academic and technical career experiences to help our youth. However, like the challenges faced in the development of nuclear energy, they realized that this dream required an essential companion element.

continued on next page



...continued from cover page—message from co-founder

Twenty five years ago, this element was found when these professionals met on a Saturday morning with some pretty dynamic young people who had their own commitments to personal development. These young persons showed a desire to excel in math and science and to learn about the wonderful technology career opportunities this society has to offer. Since that first session, the exciting combustion of PACE Staff and PACE Students has successfully replicated itself in many ways and in other locations over the past years, making this program far more valuable than any energy source we have in the world today. It has led to this milestone celebration of 25 years of PACE, a truly remarkable and commendable achievement.

I want to extend my congratulations to all Program Administrators and Staff Members past and present who have served for any part of the 25 years of PACE. In your labors of love, you have set the highest standard of achievement before our youth, showing them the value in developing and sharing the blessings of God-given talent.

Commendations also must go to the parents and Guardians who have demonstrated their love, in their sacrifice on Saturday mornings providing transportation to and from the PACE sessions for their youth and for their outstanding support of social and fundraising events.

Perhaps most importantly I would like to congratulate the PACE students, those currently enrolled and those who have achieved the coveted status of "PACE alumni". In a time when main stream media tries to perpetuate negative images as a norm for our youth, you counteract this with undeniable truth that there are many successful, bright, intelligent and yes, beautiful young people who are committed to develop themselves to excel in technology and in all areas of life and to make a positive impact in the world around them.

PACE stay true to the vision and keep up the good work!

There is no limit to the success that the next 25 years will bring !!

Congratulations to you all !!!



Michael M. Sanders
Co-Founder PACE '82

Message from 2007-2008 Co-Administrator

PACE Family,

As we begin our spring semester, I want to reflect back on our successful fall semester. We started the fall semester on September 14th with the Orientation. Despite a reduction in the number of registered students this year, we never the less started on a high note, having previously celebrated PACE's twenty-fifth year at our Graduation and Awards Banquet on May 12th.

We instituted a new attendance and lateness policy which resulted in less students being late for the eye-openers. As usual, the Thinkathon was both fun and challenging to the students and I want to thank Dr. Silvano Brewster for his continued organization and coordination of this event. The students gave a good account of themselves at the fall Student-Run Eye-opener on November 3rd. Their topic was "Racism/Discrimination Past, Present and Future". The Fall Engineering Trip was to the Liberty Science Museum. We had a very successful and enjoyable Kwanzaa celebrations on December 8th. The organizing committee did a superb job and the students who performed and MC'ed the program did an outstanding job.

This spring, we have the following important events planned:

- Spring Engineering Trip
- Annual College Tour
- Students' Community Service Event
- Twenty-Sixth Graduation & Awards Banquet

Let's all work together to make these events successful. Let's also work to make the overall semester a successful one for the most important part of the PACE family, our students.

By: Courtney Pinnock

2007-2008 PACE-Monmouth Co-Administrator

About PACE

...continued from cover page—column 1

Every Saturday morning PACE is in session from 8:30 A.M. to 12:30 P.M. from September to May at Brookdale Community College. Why do we go every Saturday? Is it just for the snacks? Or maybe its for the conversation? Maybe to acquire more friends or to quench our desires through the informative eye-openers! Or maybe just to learn something new? Or the trips? How about community service? Yes, an opportunity to give back! Or the different competitions —Thinkathon, or Math Bowl!! Let's not forget the Science Forum, where the students shine with their inventions. Whatever your reason, PACE cultivates your mind and it's an awesome experience. As one student, Zane, stated he does not go to PACE just to eat bagels. It's a learning experience.

The Eye-Openers are extremely informative. They cover topics such as PSAT/SAT preparation, financial aid for college, managing interpersonal conflict and student participation topics of

their choice. Thinkathon! What is that? It's where the students exercise their brains in different logic and problem-solving exercises using educational tools.



Ted Butler Co-Founder

How proud the founders must be to see what they started in 1982 and how it's developed since inception. I hope their vision for PACE has not diminished because there are dedicated teachers, volunteers and parents that work extremely hard for the success of this program.

Some of our dedicated teachers have volunteered their time and talents for a vast amount of years. Michael Perry was granted a long-time service award at the Twenty-fifth Graduation and Awards Banquet in May 2007. He volunteered his service for over twenty years. How time flies when one enjoys what he or she does. (see page 13 for the list of current volunteers).

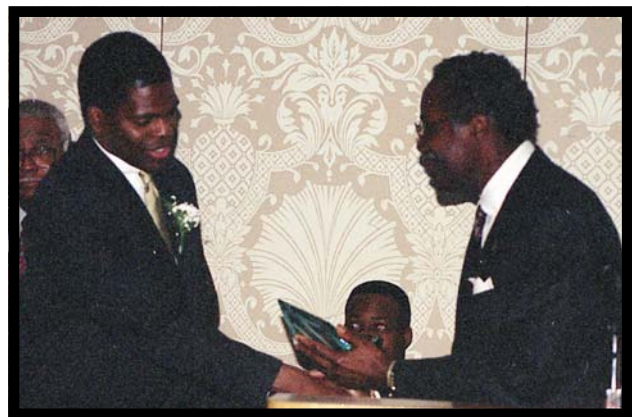


Staff of 1996—1997

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Along with learning engineering, computer science and mathematics, there are activities managed by parents. In December, we celebrated Kwanzaa where the students exhibits their talents and learn about the holiday. There is also the college tour. The students visit colleges of their interest. Then there is the annual Graduation & Awards Banquet in May where graduating seniors are recognized.



Dr. Silvano Brewster received the Urban League Award for PACE in 1997

continued on page 5...

Silver Anniversary Messages

From Outgoing President, PACE YDC

Dear Readers,



YDC President -2007

As we move into the next 25 years of the PACE program, and as I now step down as President of the PACE Youth Development Corporation (YDC) after five and a half years, it gives me opportunity to reflect on the accomplishments of the corporation since the formation of the PACE-YDC as an umbrella over the 3 PACE branches.

Since the formation of the parent corporation, PACE YDC in 1992, we've had ten PACE Youth Development Conferences which have been very successful, our first conference being held in 1997 and hosted by PACE YDC-CJ. These conferences offer a wealth of information for students, parents and staff and serve as a kick-off for the PACE year. We've funded several college tours and joint branch activities and have supported the branches with grants for classroom expenses.

PACE YDC is also about maintaining the business of PACE, insuring fiscal responsibility and establishing the framework of the PACE program. Our by-laws insure we have branch representatives as members of the board so that our policies meet the needs of our branches. We also have established a set of Operating Procedures which define the processes for inter-working with the branches. Our corporate annual reports show our supporters the accomplishments of PACE and our students. We have provided liability insurance coverage for the branches and their staff as well as D&O insurance. We have continued to remain in good standing with the IRS and the State of New Jersey, maintaining our 501c3 non-profit status and allowing the branches to share the benefits of such through our group exemption arrangement. PACE YDC has also been the conduit of donations from such corporations as Prudential, Pfizer, Coca-Cola, AT&T, and Lucent Technologies.

I want to thank all of the parents, volunteer staff and students for their hard work and dedication to the PACE program. As PACE moves into its next 25 years, with new energy and leadership, I know that the program will strengthen in its service to our youth and will remain unified. In order for PACE to survive and thrive, we must continue to think of PACE as One PACE. Not me - but we. We are supporting the Central Jersey branch in their revitalization efforts and we will do the same for Newark-PACE. We are also in the process of reestablishing and revitalizing the board. Only through a unified effort will we bring PACE back to the strength we once had. If there's anything that PACE YDC can do, it is that - keep the focus on a unified PACE.

Maureen E. Taylor

PACE YDC President 2002 — 2007

PACE YDC Board Chairperson 1999 — 2002

PACE YDC-CJ Co-Admin 1996 — 1999

From the President, Brookdale Community College

Dear Readers,

Brookdale, Monmouth County's Community College, is proud to partner with the Program for Acceleration in Careers of Engineering (PACE) by hosting PACE's remarkable program on our Lincroft campus every Saturday from September through May. Supporting the academic achievement and future career success of its participants is the goal of PACE and a premier example of the community partnerships that Brookdale embraces.

The cornerstone of the PACE program is the volunteer service provided by experts in science and math who give their time and expertise. They work with high school students from underrepresented groups to help prepare them for technical careers. Over PACE's 25-year history, these professionals have supported the academic achievement of thousands of students through tutoring and mentoring. The outstanding cultural programming and recognition of the various accomplishments of African-Americans and Latinos to the technical field are exceptional and effective components of the PACE program.

PACE continues to raise awareness of opportunities in math, science and engineering and to enhance each student's academic preparation for such careers. The engaging, hands-on learning approach has instilled the desire and revealed potential for many students.

Iwish to personally thank the many individuals who have made a difference in young peoples' lives through PACE; and, I want to encourage as many as possible to continue this wonderful legacy of support for community service.

All the best,

**Dr. Peter F. Burnham, President
Brookdale Community College**

***From the Dean of Academic Affairs,
Brookdale Community College***

PACE—Congratulations On Your Silver Anniversary

Brookdale has been honored and pleased to be the site of your innovative and exciting program over the past 25 years.

PACE's mission to mentor high school students in careers of math and engineering has dove tailed with Brookdale's mission of access to quality education to Monmouth County residents.

Brookdale applauds your dedicated leaders who give tirelessly and selflessly to the promotion of student achievement. Kudos to the hundreds of students who have been enriched by the program dedicating their Saturdays to educational exploration.

The PACE partnership is one of the longest standing relationships Brookdale has with the community. It is the ideal vehicle for Brookdale to serve the youth of the community and encourage them to pursue higher education goals.

Brookdale faculty and administrators enjoy working with your eager students. All of us at Brookdale wish you the best and look forward to the next 25 years.

**Nancy Kegelman
Dean, Academic Affairs
Brookdale Community College**

Silver Anniversary messages continue on page 10...

... continued from page 3-About PACE

More importantly, students are given awards for attendance, academic and leadership excellence. We also have an annual picnic in the summer. We all sit back eat, relax and become re-acquainted.

Even though some of our students do not pursue a career in science or engineering, the experience they acquired and friendships made are irreplaceable.



Kim Lawson, Deneen White, Gregg White, Laverne Hargraves, Dr. Webster Trammell (Brookdale), Dr. Silvano Brewster & Dorothy Bush

The community recognized the impact the PACE program has in the lives of these students and in 1997 PACE received a Monmouth County Urban League award.

By: Pauline Anderson-Perry, Parent



STUDENTS HONORED — Lynn Casper (right), Neptune, adjusts flowers on her son, Robert, as Kiva Harris (left), Neptune, and her mother, Betty, look on. Casper and Ms. Harris were among the 73 students who were honored yesterday for taking part in the Program for Acceleration in Careers of Engineering, Inc. (PACE). The PACE program prepares minority high school students for careers in engineering.

Newspaper article on PACE featuring Robert Casper in the late 1980's

2007 Graduation & Awards Banquet

PACE-Monmouth's 25th anniversary Graduation & Awards Banquet was held on May 10th, 2007, at the Tinton Falls Holiday Inn. The keynote speaker was Mr. W. David Tarver. Mr. Ted Butler, one of PACE's Founders, made remarks on behalf of the PACE Founders. The alumni speaker was Mr. Olayemi Okunseinde (Yemi). Nancy Kegelman, Dean of Academic Affairs at Brookdale Community College, made remarks on behalf of Brookdale Community College. Soloist John Cross sang two beautiful songs and Amara Pinnock, one of our graduates, also sang a beautiful song.



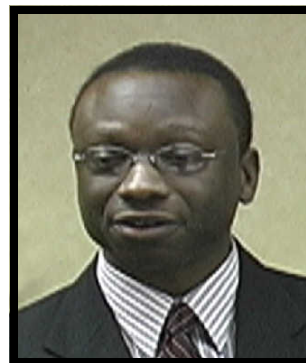
Mr. Tarver is founder and board president of the *Red Bank Education and Development Initiative* (the Initiative), a not-for-profit organization that aims to greatly enhance the education and development of all Red Bank

children. Mr. Tarver was also the founder and President of Telecom Analysis Systems, Inc. (TAS). Mr. Tarver started the company in his basement in 1983 with two Bell Labs colleagues, and grew the business to a significant enterprise with customers in over 25 countries. In 1995, Mr. Tarver engineered the sale of TAS to Bowthorpe plc., a UK-based global manufacturer of electrical and electronic equipment. Mr. Tarver holds Bachelor of Science and Master of Science degrees in electrical engineering from the University of Michigan. He is also a member of the engineering honor societies Tau Beta Pi and Eta Kappa Nu. Mr. Tarver has served on the National Advisory Committee for the University of Michigan College of Engineering and has endowed a permanent scholarship at the College in the name of his parents, Fred and Louise Tarver. The Tarver Scholarship is a full tuition merit scholarship that is targeted at African-American engineering students, and is the first of its kind at the University. Mr. Tarver is a member of the Asbury Park – Neptune Alumni Chapter of Kappa Alpha Psi fraternity, and is a member of the Greater Red Bank NAACP. He attends St. Thomas Episcopal Church in Red Bank.

Mr. Tarver reminded the audience of what was happening in the country 25 years ago. He said that

the PACE Founders were shaped by the 1960s Civil Rights Movement which allowed them to go to college and to get hired by AT&T Bell Labs. He said they wanted to pave the way for more Afro-Americans to get into the engineering field. He reminded the audience that people of color still have to fight to get good jobs and that the society has moved from racial discrimination to economic segregation, which he said, is really a proxy for racial discrimination. He advised the PACE graduates to develop marketable skills, to rely on their "gut feelings", to turn-off their iPods and experience the world around them, and, to remember what PACE did for them and to do the same for someone else.

Mr. Butler said he was proud that the spirit of sacrifice that was present when PACE was founded is still present today. He mentioned that all of the PACE founders were "saved" and that it was prayers that kept PACE over these 25 years. He told the audience that if we all stay true to god and our ancestors, this program will do another 25 years.



Yemi Okunseinde is a native of New Jersey, and was raised in the area. As a child he played soccer, swam, and learned to play the flute and drums, but was always a dedicated student first and foremost. An alumnus of Ocean Township High School, he went on to Cornell University where he pursued and obtained Bachelor's degrees in both Psychology and Philosophy in 2001. He currently works as a Crisis Intervention Specialist at Monmouth Medical Center. Yemi told the audience that the PACE program encouraged him to excel in everything he did and impressed upon him the importance of working and learning in a team or group setting. He thought that the College Fairs (currently the Science Forum) embodied these attributes. He also said that the PACE College Tours "planted the seed" into students that gaining acceptance to college and going to college should not be taken for granted. He also stressed that "Excellence is not optional in as far as success". He said he graduated from PACE with a sense of Commitment to the goal of Excellence. He challenged the 2007 graduates

to strive to help others as others have helped them and to never lose sight of the goal of excellence.



Nancy Kegelman, Dean of Academic Affairs
Brookdale Community College



Graduates Presented their Legacy Statement and Passing the Torch



Graduating Students along with keynote speaker, alumnus,
co-administrators and co-founder



Recognition of Staff Volunteers



Tricia Miller, Dawn Staniforth-Co-Admin from 2005-2007, Mike Perry, was awarded long-term service—over 20 years, Peggy Austin, Dave Tarver, Keynote speaker, Lisa Savage, Ted Butler, co-founder

Reported by: Courtney Pinnock, Co-Administrator

Upcoming Events

- Engineering Trip — February 23rd
- Science Forum — March 1st
- Open House — March 15th
- College Tour — Week of March 24th
- Community Service — April 12th
- Math Bowl — April 19th
- Graduation & Awards Banquet — May 10th

2007 Graduates

and their Legacy Statements



Andrea Raywood, Richard Barnett, Melanie Wilmot, Greg Etienne, Amara Pinnock, Blake Washington and Christine Wallen

Richard Barnett from Allentown HS to Easton University studying Psychology — “Always bear in mind that your own resolution to succeed is more important than any one thing”. *Abraham Lincoln*

Greg Etienne from Neptune HS to Manhattan College studying Mechanical Engineering — “I can do all things through Christ who strengthens me”. *Philippians 4:13*

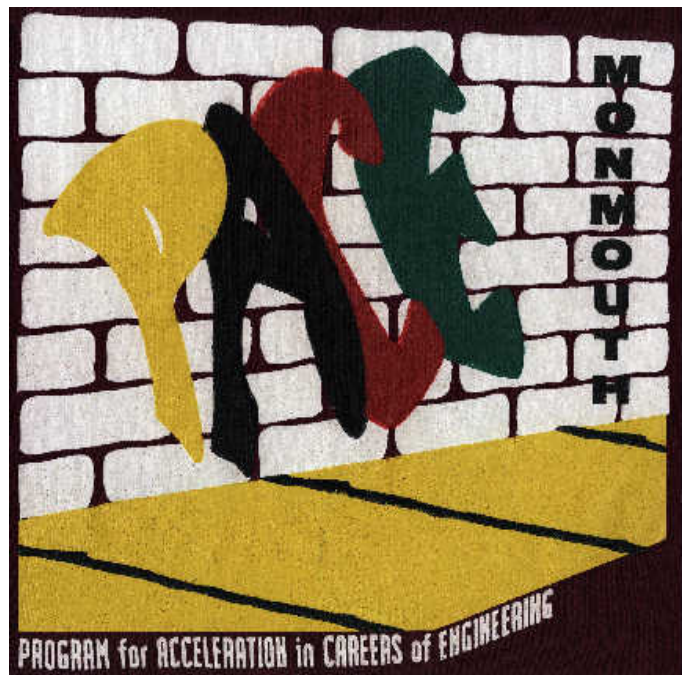
Amara Pinnock from Freehold Township HS to Cornell studying Animal Science — “Only what you do for Christ will last.” This was a quote my godfather used to tell me all the time before he moved to Texas towards the end of last year. I believe that my whole life should be pleasing to God. People should be able to look at me and my behavior and not question my morals. I believe that as long as I keep Christ first, then everything in my life and future should fall into place and His will be done in my life”.

Andrea Raywood from Rumson Fair-Haven HS to Seton Hall studying Computer Science — “Life is one big road with lots of signs. So when you're riding through the ruts, don't complicate your mind. Flee from hate, mischief and jealousy. Don't bury your thoughts; put your vision to reality. Wake up and live!”

Christine Wallen from Monmouth Regional HS to Brookdale Community College studying Childhood Education and Fashion Design — “An old proverb states: “If you can walk, you can dance. If you can talk, you can sing. So you never have an excuse why not for being able to celebrate life. If your success is not on your own terms, if it looks good to the world but does not feel good in your own heart, ask yourself: is that really success at all? Explore what life has to offer in honor of those who might never see this day. Live it to the fullest. Keep God close. Discover what you may. And learn what you can for there are no mistakes, just lessons.” *Author Unknown*

Blake Washington from Rutgers Prep to The Maryland Institute College of Art studying Art: Illustration and Ceramics — “Never forget to stir up your gifts.”

Melanie Wilmot from Colts Neck HS to University of Pittsburg studying Pre-Law — “There's more to me than what you see”.



T-Shirt was designed by Kristen Singleton, Student, in 1994

2007 Student Awards

Class Awards

Class	Most Outstanding Student	Most Improved Student
Geometry	Monisola Adesanya	Yasonia Yankannah
Algebra II	Jean Coupet Ryan Pinnock	Raygan Rogers
Pre-Calculus	Raphael Thomas	None
Calculus	Amara Pinnock	Richard Barnett
Introduction to Engineering	Monisola Adesanya Aleesha Chisholm	Josh Barnett
Electrical Engineering	King Carmichael, III	Yasonia Yankannah
Computer Science	Latiana Gourzong	None
Senior Engineering & Leadership Development	Andrea Raywood	Richard Barnett

Leadership Awards

Kwanzaa MC	Kafele Thomas Judith Samuels
Fall Student Run Eye-Opener	Christine Wallen Melanie Wilmot Greg Etienne
Spring Student Run Eye-Opener	Yasonia Yankannah Aleesha Chisholm Monisola Adesanya King Carmichael, III
Student Take-Over Eye-Opener	Andrea Raywood Amara Pinnock Jean Coupet
Most Involved Student	Christine Wallen
All Around Student Leader	Andrea Raywood
Banquet MC	Greg Etienne Andrea Raywood

Bridge Awards

First Place	Monisola Adesanya
Second Place	Justin Joseph
Third Place	Aleesha Chisholm
Fourth Place	Josh Barnett

Special Awards

Book Grant	Andrea Raywood
Attendance	King Carmichael, III Jean Coupet
Science Forum	King Carmichael, III
Favorite Staff Member	Oswald Barrimond

Silver Anniversary Messages Cont.

From Alumni—Class of 2003

Dear Readers,



For the past twenty-five years PACE has been a program to help students develop the necessary skills needed in today's job market. Not only can the benefits of being in the program lead to endless job opportunities, it can also encourage students to go above and beyond their dreams. Luckily, I was one of the many people to graduate from PACE gaining oral/written communication skills and strong creative thinking abilities, which led to me becoming an Associate Producer for MTV News.

During my three years at PACE I found the classes and instructors to be very instrumental in my career choice as well as my life. I will be the first to admit, getting up early every Saturday morning can be a bit rough for both adults and adolescents. However, as a student I felt the time and dedication invested into the program would pay off in a major way. From participating in Eye Openers to helping plan various events there's no limit to the amount of opportunities students have while in PACE.

I would encourage all students involved in PACE to take full advantage of the tools and knowledge that's available to you. Although I didn't choose a career in engineering I knew the skills that I developed at PACE combined with my genuine passion for music and pop culture would help me become a more dedicated, driven, and well-rounded person. All of which has led me to starting my own company and seeking new ways to benefit attainment of organizational goals.

Brennan Williams
Associate Producer/ MTV News

From Alumni—Class of 1986

PACE Family,



Twenty-five years ago, I traveled to Brookdale Community College with a group of my friends from Neptune High School to participate in a fledgling organization called PACE. We knew very little about this organization. Back then, there was no internet to Google "PACE." There were no older students who could share their experiences about the organization. There was only our parents' faith that a group of talented, community minded professionals from Bell Labs and NTA would actually deliver on their promise to educate and inspire students into engineering and science careers.

During my years as a PACE student, I matured from a high school sophomore whose parents made him go to Brookdale into a high school senior who anxiously awaited every Saturday to be with his "engineering" friends from other high schools. With each Saturday session, I became more confident about pursuing an undergraduate degree in engineering and more confident that I could compete with the most talented engineering students in the world. In addition to reinforcing valuable math and science concepts, the PACE staff also influenced my decision to apply to and attend Cornell University's College of Engineering. During my first year at Cornell, I often pulled out my PACE notebooks to help me with my homework assignments. They proved valuable on many occasions.

The many technical and life lessons that I learned during my PACE experience have served me well over the years. One of the most valuable lessons that I learned was the importance of giving back to the communities that unselfishly gave to me. I reconnected with PACE in 2005 and have been inspired by how this once fledgling organization has grown into a premier learning institution. A strong commitment to excellence is evident in every member of the PACE family. This commitment is exemplified by the staff and parents who continuously keep the program relevant and

valuable for today's students. Their dedication will continue to be the "secret sauce" to our success as PACE embarks on its next 25 years.

I am proud to be a PACE alumnus and honored to be able to give back to the organization that gave me so much.

Regards,

Preston L. McGowan
President and Board Chairman
PACE Youth Development Corporation
PACE Alumnus '86

From Alumni—Class of 1992



One of my favorite quotes is "Opportunities multiply as they are seized". (Sun Tzu)

When I was in high school, the Program for Acceleration in Careers of Engineering (PACE) was a great opportunity for me. Deciding to participate in the PACE program

was one of the best decisions I've ever made. It was this program that solely influenced my decision to pursue a degree and career in Electrical Engineering. My experience in PACE enlightened me culturally, socially, academically and professionally. As a result, many more opportunities were presented to me.

After graduating from college, my heart led me back to PACE, as I had a strong desire to give back to the very program that gave so much to me. I became a member of the PACE staff teaching Introduction to Engineering and soon became one of the PACE Co-Administrators. It was a rewarding experience to be a part of the opportunity for new and upcoming students. Not only is PACE an opportunity, it is an investment. For students it is an investment in their future. For the staff, parents, and volunteers PACE is an investment in our youth.

PACE has accomplished a lot over twenty-five years. Think of all the students that have come through the program and how many lives have been positively affected. It doesn't matter that every single student in the program may not have gone on to pursue a career in engineering. What matters is that we had

the opportunity to positively influence the lives of so many students in the Monmouth County area. And it is important that the program continues to provide opportunities for our young people for many more years to come.

It is a pleasure to join PACE in celebrating 25 years of success and achievement. I am truly honored to be involved with such a wonderful program. Congratulations, kudos, and thanks to the PACE family (founders, former and current staff, students and parents). Wishing you all the best for the next 25!

Uneeda Williams
AT&T Senior Security Business Manager

Want to Volunteer?

PACE-Monmouth is looking for people
JUST LIKE YOU!!!

If you like to:

- **Teach**
- **Mentor**
- **Coach**
- **Plan Events**
- **Be Creative**
- **Raise Funds**

Then get involved with the PACE TEAM!

PACE is looking for professionals who want to volunteer their time to work with African-American and Hispanic high school students to help prepare them for college and technical careers. PACE Monmouth is in need of *new volunteer staff* to help grow the program.

As a PACE staff member your commitment can be *as little as* teaching two Saturdays a month for an hour and a half plus preparation time; or you can get involved in many other exciting activities. You can choose to interact with the students or work on behind-the-scenes planning and program administration. There are many ways you can contribute and we certainly can use your help!

For more information about the PACE program, contact: recruitment@pace-monmouth.org

Or send inquires to: **PACE Monmouth**
P.O. Box 493
Lincroft, NJ 07738
Attn: Staff Recruitment

Is PACE for You?

If you will be entering 9th - 12th grade and enjoy:

- Math
- Science
- Technology
- Leadership
- Meeting New Friends

... Then PACE is for you!

PACE is a science and engineering awareness program in which professionals volunteer their time to work with African-American and Hispanic high school students to help prepare them for college and technical careers. You will learn about technology fields, hear about college admissions requirements, develop and practice leadership skills, become aware of potential career paths and enhance your cultural awareness.

For more information about applying to the PACE program, contact:

recruitment@pace-monmouth.org

Or send inquires to:

**PACE Monmouth
P.O. Box 493
Lincroft, NJ 07738**

Attn: Student Recruitment

PACE Is . . . Staff (2007—2008)

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Printed by: Brookdale Community College

CLASS OF ...



2000



2001



2002



2003



2004



2005



2006

Administrators Over the Years & Current Volunteers

Administrator	Term in Office
Courtney Pinnock	2007 — Present
Mariel Lacroix	2006 — 2007
Dawn Staniforth	2005 — 2007
Dr. Deborah P. Harrell	2001 — 2005
John M. Jones	1999 — 2006
Uneeda Williams	1998 — 2000
Kraig Sanders	1997 — 1999
Tina Lee	1994 — 1996
Dr. Silvano Brewster	1993 — 1998
Reedy Feggins	1992 — 1994
Laverne Hargraves	1992 — 1993
Debra (Warren) Richards	1991 — 1992
Kevin Grant	1991 — 1992
Valerie Butler	1986 — 1991
David Jones	1984 — 1986
Lular Ann Jones	1984 — 1985
Michael Sanders	1982 — 1985
David Hill	1982 — 1984
Wayne Brown	1982 — 1983

Current Volunteer Staff

20 + years of service

Kim Lawson
Michael Perry

15 to 20 years of service

Oswald Barrimond
Dr. Silvano Brewster
John M. Jones

10 to 15 years of service

Mark Dennis
Ernest Heath
Courtney Pinnock
Eduardo Pinzón
Michael Sligh

5 to 10 years of service

Jésus Batista
King Carmichael, II
Dr. Deborah P. Harrell
Patty Miller-Pittman

1 to 5 years of service

Richard Barnett
Lori Collins
Zakiyya Jordan
Miranda Lee
Eduardo Pinzón, Jr.,
Claudette Samuels
Shawnda Shelton
Dawn Staniforth

Reflections ...



Kwanzaa 2007

PACE celebrated Kwanzaa on December 8th, 2007 at High Technology High School. The PACE students started their day at 9:30 A.M with their regular classes. While the students were in their classes, their parents were decorating the multi-purpose room for this event.

Many talented students of PACE and outside performers exhibited their talents. The master and mistress of the ceremony were Ryan Pinnock and Jamie Pointer, respectively. A cultural educator, KayKay Davis-Daniels gave the presentation on Kwanzaa explaining the seven symbols:

Mkeka (m-kay-kah) the straw mat which represents the history and tradition.

Muhindi (moo-HEEN-dee) the ears of corn represents the children. If there are no children then one is placed to represent the potential for children.

Mazao (mah-ZAH-ow) the crops which represent the historical roots of Kwanzaa as a harvest of "First Fruit". It represents the rewards of collective and productive labor.

Kinara (kee-NAH-rah) Candleholder for the seven candles.

Mishumaa Saba (me-SHOO-maah-SAH-bah) the seven candles. There is one black candle that goes in the center, three red ones goes to the left and three green to the right.

Kikomba cha Umoja (ke-KOM-bah chah oo-MO-jah) the unity cup.

Zawadi (zah-WAH-dee) presents given to the children. They should symbolize the education and culture in Kwanzaa.

KayKay stressed how holidays were being commercialized for profit. She spoke of the colors of Kwanzaa: red represents the blood not shed in vain by black people, black for the people and green represents the land.

The Seven Principles of Kwanzaa were presented by the students:

Umoja (oo-MOH-jah) which means unity presented by Raygan Rogers

Kujichagulia (koo-jee-cha-goo-LEE-yah) which means self-determination presented by Judith Samuels

Ujaama (oo-JAH-mah) which means cooperative economics presented by Danielle Perry

Ujima (oo-JEE-mah) which means collective work and responsibility presented by Jelani Joseph

Kuumba (koo-OOM-bah) which means creativity presented by Domanique Davison

Nia (NEE-ah) which means purpose presented by Ryan Pinnock

Imani (ee-MAH-nee) which means faith presented by Tina Onikoyi

There were different types of delicious food. Yellow rice, white rice, spicy rice, rice & peas, fried chicken, curry chicken, macaroni & cheese, lasagna, collard greens, and much more mouth watering foods. The food represented different ethnic backgrounds. There was Caribbean, Italian, American, Spanish and



Southern food. Diets went out of the window, and seconds were inevitable. The desserts were a combination of different types of cakes and pies. Ms. Gloria Riller, the culinary organizer, did an incredible job organizing the food, volunteers, teachers and parents. Special thanks go out to Chick-fil-A in the Monmouth Mall for donating chicken. Also, special thanks to our two vendors, Cocoon and Suds-n-Satin, for bringing out their products that provided great holiday gift selections.

Many talents were observed during Kwanzaa.

King Carmichael, III amused and mesmerized everyone with his comedy routine and with his own composition on the piano.

David Alexis performed numerous selections on the piano of his own composition.

Tina Onikoyi read a poem in Yoruba and its English translation. The poem was about a man in love.

Latiana Gourzong interacted with the audience by playing “Name that Tune” on her trumpet. The audience had fun guessing the songs which were “No One,” “Soulja Boy,” and “My Girl.”

New Hope Church of God performed STOMP routines. I’m sure everyone enjoyed their performances.

Brianna Howard, a high school student, from Second Baptist Church in Keyport, choreographed and danced a beautiful and moving ballet piece to “Order My Steps”.

Jamillah Joseph & friend sang the song “Peace on Earth.”

Last but not least, the **fashion show**. The models were Judith Samuels, Jamie Pointer, Tina Onikoyi, Jasmine Norville, and Raygan Rogers. They captivated the audience with their modest gait as they walked across the floor displaying the beautiful clothing provided by Cocoon.

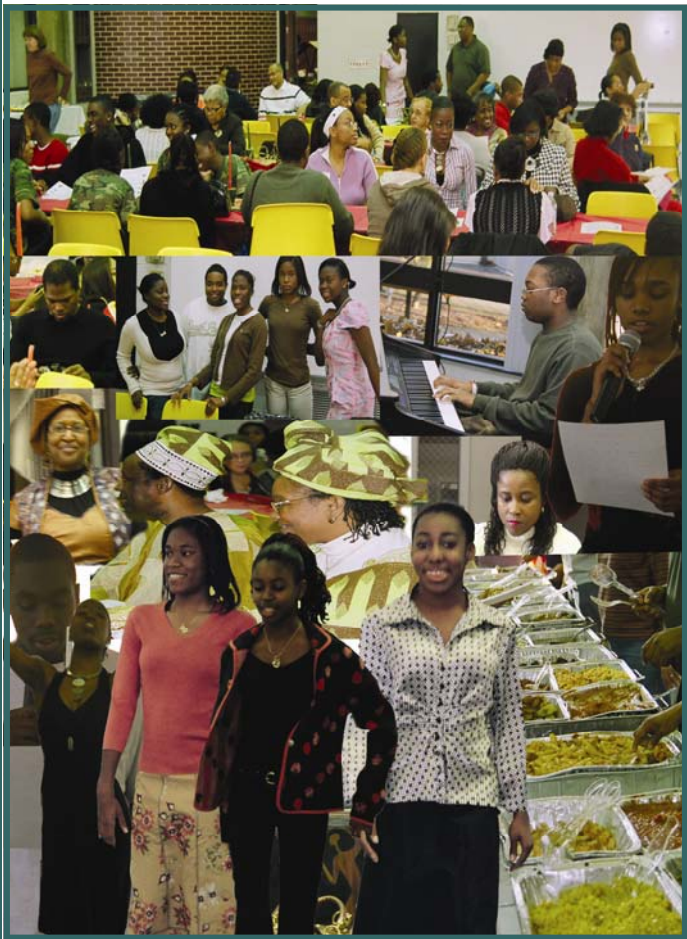
On behalf of the students, I would like to thank Ms. Judi Pauline Campbell who chaired the Kwanzaa celebration along with all her volunteers for producing a successful event. It was enjoyed by all. See you next year—

Looking forward to Kwanzaa 2008.

Reported By: Danielle Perry, Student



Kwanzaa Committee— (front row) Gloria Riller, Claudette Samuels, Judi Campbell — (back row) Pauline Anderson-Perry & Dawn Harris



Staff Profile: Eduardo Pinzon



Eduardo Pinzón

Eduardo Pinzón is PACE - Monmouth's Lead Calculus Instructor. Eduardo is a scientist, an inventor, a teacher, a husband, and father.

Eduardo is originally from Colombia in South America, born in Neiva, Huila. He attended the Distrital University in Bo-

gotota, Colombia, and obtained his Bachelor's degree in Electronic Engineering, with a minor in Math. After school, Eduardo came to the United States to pursue a Master's degree in Computer and Information Science at the University of Pennsylvania in Philadelphia. His Master's Thesis was entitled "*An Electronic Eye for the Blind*", part of a research program in Artificial Intelligence (Machine Vision and Robotics) at the University of Pennsylvania to investigate the development of an artificial eye for the blind. Eduardo, along with a colleague, designed and implemented a digital video system that took signals from a video camera (simulating the Eye) and sent them to a robot for processing. They envisioned their work leading in the future to a device utilizing two light-pen TV-cameras in the frames of eye glasses so the blind could see objects in a 3-dimensional space.

After graduate school, Eduardo went to work for the Department of Defense with the MITRE Corporation, in Boston, MA for about 9 years. He helped with providing technological innovation to modernize every branch of the U.S. Military Forces Worldwide (WIS Program, SACDIN Program and the E4-B Program). The result was a full military technological buildup, producing the most powerful Military Forces in the world.

He then came to AT&T where he currently works. At AT&T, he is a Senior Technical Staff Member working on a variety of Network, Systems, and Data Architecture Projects. Eduardo is also an AT&T Certified Recruiter. Eduardo has a Patent at AT&T entitled "Automatic Router Configuration Based on Traffic Measurements and Service-Level Agreements (SLAs)",

developed during 1999 – 2000. His patent was one of six patents in 2000 that helped AT&T redesign its network into the new AT&T Internet Protocol Quality of Service Network.

Eduardo started in PACE in 1994 helping to teach Algebra II and Computer Science and, later, Calculus. Eduardo has taken great interest in the Latino students within the program. He is often seen during the break and at other times talking with Latino students offering advice, guidance, and friendship. In 1997, Eduardo approached the PACE Governing Body to encourage the program to more aggressively recruit Latino students and teachers into the PACE Program. He also worked to bring PACE into the AT&T/Lucent HISPANIC (now AT&T HACEMOS) Latino Community. This partnership has helped enhance the PACE program. Eduardo considers this as a great accomplishment. He succeeded in putting together the African-American and Latino students, working together for a common goal: to excel in Math, Science and Engineering to help this country improve its future.

About PACE in general, Eduardo believes in mentoring and providing the proper education to our new generations of African-American and Latino High-School students; helping them excel in Math, Science and Engineering while showing them the intricacies of a new life in college and at work. "We have the opportunity to mold and prepare these young minds to work more effectively in leading this country to a better future."

Eduardo has been married to Lana-Sue (Gurney) Pinzón for 26 years and has 2 children, Paulina and Eduardo Jr. Both have been also involved with teaching at PACE. His son is currently a Geometry instructor. Eduardo plays soccer and practices Shaolin.

Representing AT&T, Eduardo is also a volunteer Mentor of WEPAN MentorNet Program to motivate and encourage young women to pursue undergraduate and graduate careers in Science, Math and Engineering. MentorNet was created by AT&T and IBM in 1996 to guide undergraduate and graduate women in the fields of Science, Math and Engineering.

By: Dr. Silvano Brewster, Staff

Engineering Trip

Liberty Science Center November 10th

Reported by David Alexis, Student



King Carmichael III *Monique Moore* *Judith Samuels*
Latiana Gourzong *Ena Onikoyi* *Amani Pinnock* *Michael Sligh*
Emanuel Carmichael *Jamie Pointer* *Michael Perry* *Tina Onikoyi*
Yasonia Yankannah *Zane Johnson* *Domanique Davison*
Jean Coupet *Courtney Pinnock* *David Alexis* *Josh Barnett*
Karen Melendez *Jelani Joseph*

Sleeping in on a Saturday morning is preferable to sitting on a cold bus, easily. However, the frigid temperatures are slightly mitigated when I remembered that I'm going to the Liberty Science Center for the first time in five years. Even though it was a Program for Acceleration in Careers of Engineering (PACE) trip, I felt some sort of anticipation. Like everyone else on the bus, I got on, found a seat away from proctors, donned a pair of headphones and drowned out all noise with music. Those without music players of some sort would sleep or talk with friends, at the mercy of the bus driver's taste in music. After 45 minutes of disco, we arrived at our destination. We went through routine bag checks and were inspected with metal wands (Because apparently, tired teenagers on class trips tend to carry dangerous items.). Then, our chaperones surprised us ("Us" meaning the people who didn't read the letter to our parents about the trip) by revealing that admission was \$10.50. But then again, we were there to learn, because education is one of the many things that are not free in our "free" country.

After standing around for an extended period of time we split into groups of four (my group consisted of Amani, Jean, Josh and myself) and visited the first exhibit, where we learned all about the wonderful and dangerous world of skyscrapers. As it turns out, they are more than just hang outs for King Kong, Spiderman, and Missy Elliot. The actual construction of skyscrapers is a tough job. I heard stories of safety gear saving workers a lot of pain. In addition, skyscrapers must be built meticulously to avoid problems such as high winds (even though light breezes can cause trouble if they manage to exploit a skyscraper's weak point). In my opinion, one of the most fabulous things about skyscrapers is that the weather around them is different. Because of all the concrete and other materials that absorb air around skyscrapers, a warm microclimate is created in those areas. However, reading about this didn't beat actually being able to walk on an I-Beam suspended 20 feet in the air. Even though it was supposedly very safe, I was afraid to end up as a splat on the hard floor below. However, this probably wasn't a big deal for Philippe Petit – a man who walked on a tightrope between the Twin Towers (which made up 4% of Manhattan's office space) eight times before his arrest.

The next exhibit was a smaller one called Polar Perspectives. It was about the Arctic and Antarctic, and their differences. I personally wouldn't want to go to the Arctic for research, because getting eaten by a polar bear or freezing to death is strangely unappealing to me. However, the Antarctic's Weddell seals caught my attention – they can hold their breath for an hour and 20 minutes. It really makes my record of 25 seconds seem like a waste of time – that's 25 seconds of air I could have been breathing instead of trying to impress girls with my lung power. On a side note, I went on a small computer near the exhibit and learned that America used 312,861,435 gallons of gas last week. And that was at 10:30AM – the value jumped every three seconds.

Next was Eat or Be Eaten, another amazing exhibit filled with animals, insects, and arachnids galore. Most of them made it to my "Stay Away From Me!" list in record time. Such organisms included: The poison dart frog, the gila monster, the fat tail scorpion, the vinegaroon, the black widow spider, the gaboon viper, the Asian water viper, the alligator snapping turtle, the hissing cockroach, the bearded dragon, the frilled lizard, and the milk and coral snakes. The prickly stick bug and the Jackson's Chameleon were my favorites.

Next, we went to an exhibit called Energy Quest, where we learned about our sources of energy and how they're used. The government is trying to find ways to use renewable energy more often (such as solar, wind, geothermal, and hydroelectric energy). First, we

learned about wind energy. Before that day, I didn't know that a mass of windmills power part of Atlantic City. After that, we went to solar energy, and how roofs with solar panels seem to be the future in some states, like Arizona. After water energy, we learned about geothermic and nuclear energy. There is one main danger in using the latter – using too much energy at once causes too much air to be produced, meaning that we have a meltdown (example: Chernobyl). Hopefully, a person will rise up and find out how to use fusion without fission, eliminating the need for oil and gas.

After our overpriced lunch, we went to an exhibit on communication. As the name implies, we learned about how the world keeps in touch through telephones, the Internet, television, graffiti, and other techniques. After that, we saw a presentation on the solar system called "Global Microscope". That day, I learned about the Mariana Trench, a point in the ocean that's so deep, Mount Everest could fit in it and there would still be a mile and a half of water between the peak and the surface (so it's about 29,030 feet deep, or about 5 miles). How the different planets of the solar system were portrayed was cool – there was a sphere that projected the spinning planets. Most of the planet facts were old news – but once again, our ears were plagued by the fact that Pluto is no longer considered a planet...*tear*.

Finally, after desperately looking for a place to sit and rest, we came across a subway exhibit. It was a 13-minute movie about four diseases and how they spread – Dengue fever, influenza, AIDS, and tuberculosis. This trip was funny at the end, because I subconsciously took a large step off of the train, believing that there would be a gap like in a real train. Following the faux – subway experience, we found the other teams and had ourselves a nap. Soon, we departed from the Liberty Science Center and after another bumpy bus ride, we went our separate ways, our minds richer from the experience until we turned on the TV that night.



Fostering a Culture of Achievement

By: John M. Jones, Staff

Sometime last year I read an *EducationWeek* article that motivated me to author this PACE newsletter article on a similar topic. The article was entitled “Winning Hearts and Minds” and was written by Hugh B. Price, former president of the National Urban League. In his treatise, Price discussed the need to instill a desire to achieve in the kids of our black and Hispanic communities. He noted that currently, in many parts of our communities, our kids actually engage in counter-productive labeling and behaviors that inhibit and discourage achievement. He asserted that to fight this we ought to create more opportunities to celebrate achievement, thereby publicly placing a high value on achievement and hopefully promoting a high intrinsic value on its attainment.

We know that certain other communities are perceived (particularly among our youth) as being high academic achievers. Though some of our youth believe members of these communities are *inherently* capable, there is nothing *genetic* going on here. It is more a matter of values and expectations set in their homes and communities as well as certain disciplines imposed upon those youth that help to promote and foster their academic achievements. What is sad is that, instead of analyzing, modeling and practicing these behaviors, too many of our kids ridicule such students. Too often, many of our kids will label high achievers as “brainiacs” (as if that is a negative thing), “acting white”, “trying to be better than”, and other such terms and phrases implying that our norm is to be the opposite or less than. In a recent PACE student-run eye opener, a student lamented that in his community “you get made fun of for being black and getting good grades” and that you get called a “goody two shoes” or “teacher’s pet.” To this young man’s credit, fortunately, he stated that he ignores these people because he knows his good grades will benefit him in the end. Yet still, young folk in our community should not have to endure internal stress over the matter of being high achievers.

So the question becomes: what are some things we could do within our community to change some of the attitudes that hold our youth back and might enable us to create a “culture of achievement?” Hugh Price offers some interesting thoughts here regarding com-

munity-based approaches we might pursue; some of which are very do-able, some of which might require significant community effort to make happen.

What if ...

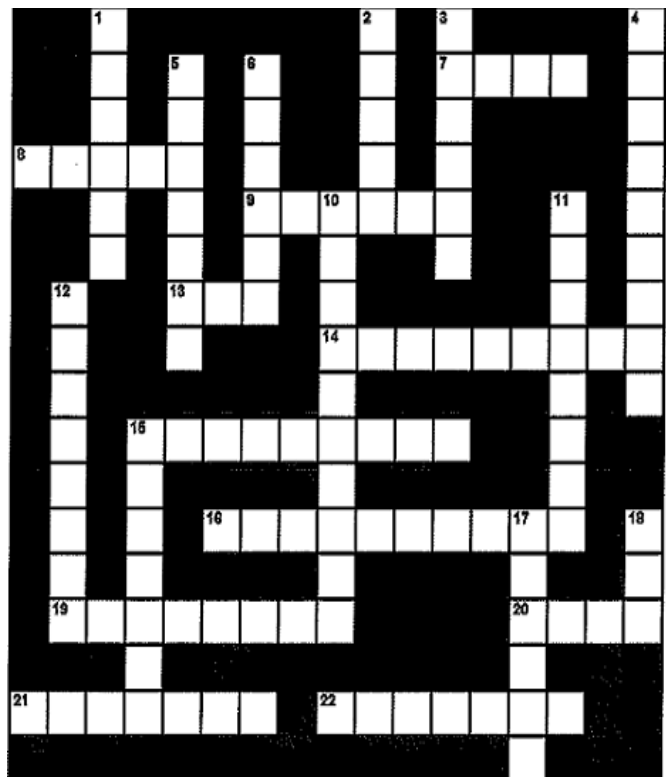
- Our local newspapers would contain regular articles on our community’s high achievers and even have a regular weekly section dedicated to celebrating high achievers?
- Our churches, fraternities, sororities, civic and community organizations would hold celebrations (annual, quarterly, or monthly) honoring our high achievers?
- We could bring out the whole community to join in celebrating high achievers and maybe even have town parades honoring achievers and the teachers and mentors that spurred them on?
- Past achievers would come back to motivate the new achievers, thus strengthening the achievers network and maintaining the cycle of achievement?
- We would create community-based honor societies that formally induct high achievers?
- We would hold neighborhood festivals focused on literacy, math and other academic skills? We could hold back-to-school block parties and rallies that create excitement around the pursuit of education and leadership excellence.
- We would create local scholastic competitions that encourage and celebrate achievement?
- We would publicly acknowledge those schools and organizations that are successful in turning on our youth to learning?
- Corporations (particularly those who sell goods to youth) would target some of their advertising budget to Ad campaigns that promote learning and achievement?
- Families would hold special celebration dinners, parties or outings for their high achieving youth?

These are all *external* motivators, but nevertheless would publicly demonstrate the value we place on achievement. I fondly [and proudly] reflect upon how one PACE-Monmouth student truly excelled in many leadership categories one recent program year. In reward, he was recognized with several excellence awards during our Graduation & Awards Banquet. Over the summer at our PACE Cookout, a number of other students remarked how they took notice of this and were going to make it their business to pursue some of those same awards during the following year. Though their commentary reflected some of the playful competition amongst the students, it nevertheless demonstrates how a public celebration around achievement could become a powerful motivator to our youth.

Our challenge is to develop and execute on approaches that change the attitudes of our youth and encourage them to place high value on achievement. To quote one of the observations made by Dr. Price, "If the culture of achievement is truly to take hold and endure, it must be embedded in the hearts and minds, the belief systems and behaviors of our youth, their families, and the organizations that make up our communities." We must, through our collective efforts, create an overwhelming counter-force that turns negative self-perceptions, contempt for academic achievement, and acceptance of mediocrity into new self-models that permeate our community and cause the ones who are not pursuing excellence to be the exceptions that are ridiculed rather than the other way around. Such a counter-force must transform the attitudes and aspirations of youth towards school and motivate families and community organizations to actively encourage young people to strive and achieve. Without such a change, our youth risk locking themselves out of the new technology services economy as they become insufficiently skilled to contribute to the new inventions, discoveries and leadership models that will propel this country forward.

PACE-Monmouth Governing Body (2007-2008)

Co-Administrator	Courtney Pinnock
Secretary	Zakiyya Jordan
Treasurer	Richard Barnett
Events Coordinator	Claudette Samuels
Eye-Opener Coordinator	Oswald Barrimond
Math Coordinator	Michael Sligh
Engineering Coordinator	Michael Perry



Across

7. Unit of electrical power, named after the Scottish Inventor of the steam engine
8. A rotating machine that transforms electrical energy into mechanical energy
9. The kind of electricity you create by rubbing a balloon on your head
13. Atom or group of atoms that carries a positive or negative electric charge as a result of having lost or gained one or more electrons
14. Emissions of radiant energy in the form of waves or particles
15. It transmits electricity, like copper
16. Opposition to the passage of an electric current
19. Elementary particle consisting of a charge of negative electricity
20. Smallest particle of an element that can exist either alone or in combination
21. Uncharged elementary particle
22. Electric potential or potential difference

Down

1. Elementary particle that carries a positive charge
2. Electromagnetic radiation in the wavelength range including infrared, visible, ultraviolet, and x-rays
3. Device for making, breaking, or changing the connections in an electrical circuit
4. Flash produced by a discharge of atmospheric electricity
5. Complete path of an electric current including the source of electric light bulb
6. Inventor of the electric light bulb
10. Force acting on particles of matter, tending to draw them together
11. Electrical charge with more protons than electrons
12. Electrical charge with more electrons than protons
15. Electrical flow through a conductor
17. Definite quantity of electricity
18. Unit of electrical resistance

Answer will appear in next newsletter—June 2008

Listen Up, Yo!!!

Hey, Everyone!

A couple of us PACE students are juniors reppin' that '09 every day! But one of the things you have to do if you want to rep that '13 in college is to take the SATs! If you haven't applied yet, make sure you hit www.collegeboard.com ASAP so you can make a college profile, start getting the SAT Question of the Day in your email, and register for the SAT I on May 3rd - the deadline is on April 1st (Late Registration date is April 10th with a \$22.00 late fee). All you need to do is fill out a form and pay the \$43.00 test fee with a credit card and you're, just like Elephant Man, GOOD 2 GO! If you've already registered for the March 1st SAT I, register anyway because it's always a good idea to take the SAT a couple of times before going to college because colleges only consider your highest SAT scores! Also, make sure you take a look at the SAT II or ACT if the college you want to attend requires it! Spread the word!

By: David Alexis, Student



Looking for something to do next Friday night? Why don't you come to the Faith Generation Youth Church? They meet every Friday night at 8:00 in Sayreville, NJ, in the gym of the Faith Fellowship Ministries World Outreach Center (Headed by Pastor David T. Demola) on 2707 Main Street (Zip Code 08872). Every Friday night, hundreds of teenagers from New Jersey, New York, and farther come to worship God, hear the Word from Youth Pastor Jacob Burgei, and meet new friends! Also, every last Friday of the month is the LAST FRIDAY EVENT, which contains live DJs playing the hottest in Christian Rap and Reggaeton, Dance contests, food, prizes, and sometimes movies or guest appearances from amazing Christian music artists and sports stars! For more information, visit www.myspace.com/ffmyouth, <http://www.ffmwoc.org/youngpeople/youth.stm>, or call (732) 727 - 9500, extension 1406 or 1901.

“Spread the word!”

By: David Alexis, Student

2008 College Tour

Do you have any idea of where you want to go for college? Do you know what it takes to be admitted into a college or university? Did you know that PACE helps you with these types of questions? PACE, in conjunction with many colleges and universities, has the resources and experience to help you make a better decision for your future. One major way that PACE does this is the college tour. Over the course of a couple of days, PACE takes a bus trip to colleges and universities in and out of state that you help select. At each college/university, you will have a chance to speak with students there, see a dorm (usually), and you will attend an information session, and maybe a tour.

But the PACE college tour is not only about finding information that will help you choose a college and better your chances of admittance. It's also about bonding with your fellow PACE students and alumni. As returning PACE students know, we have a lot of fun on college tours, most of which take place in the hotels that we stay at. At the hotels we usually join our friends in a room talk about issues in school, watch T.V., eat together, and basically socialize. Even after lights out you are still surrounded by friends because you get to sleep bunk with two of your friends. The fun doesn't stop until you get off the bus to go home.

In conclusion, it would be very unwise to miss this year's college tour or any other PACE “happenin's” for that matter. Take advantage of the things given to you at PACE, because when you get into the real world you will find that people aren't as generous and caring as in PACE.

By: King Carmichael, III, Student

PACE Is.....Committee

- Pauline Anderson-Perry
- Dr. Silvano Brewster
- Dr. Deborah P. Harrell
- John M. Jones
- Miranda Lee
- Courtney Pinnock

Quotes-n-Sayings-n-Stuff

Believe while others are doubting.
Plan while others are playing.
Study while others are sleeping.
Decide while others are delaying.
Prepare while others are daydreaming.
Begin while others are procrastinating.
Work while others are wishing.
Save while others are wasting.
Listen while others are talking.
Smile while others are frowning.
Commend while others are criticizing.
Persist while others are quitting.

-William Arthur Ward

.....
"Its the things in common that make the relationship enjoyable. But its the little differences that make them interesting."

.....
"Absence sharpens love. Presence strengthens it."

.....
"Trying to forget someone you love is like trying to remember someone you never met."

.....
"Never take life too seriously. Nobody gets out alive anyway."

.....
"Lose what you cannot keep, to gain what you cannot lose!"

.....
"A woman's heart should be so lost in God that a man needs to seek Him in order to find her!"

.....
"A friend is someone who understands your past, believes in your future, and accepts you just the way you are!"

.....
"Try and fail, but don't fail to try."

.....
"Winners are not those who never fail, but those who never quit!"

.....
"What's worth HAVING is worth WAITING for."

.....
"It's beauty that captures your attention; personality which captures your heart"

.....
"It's better to be hated for what you are than loved for what you aren't!"

.....
"You have to accept that some days you're the pigeon and some days you're the statue."

.....
"Don't judge me by what I look like, judge me by who I am. If you don't know who I am, don't judge me at all."

.....
"The dictionary is the only place where success comes before work."

.....
"...You can't treat every situation as a life-and-death situation because you'll die a lot of times."

Presented By: David Alexis, Student

NewsFlash

PACE's latest notoriety occurred on February 7th, 2008 when The Coaster, which is a Community Newspaper covering the central Monmouth County area, wrote an article on the students who attended PACE from Neptune High School entitled: **"Young Engineers at Neptune High"**. The article featured Tina Onikoyi and Roy Hercules.

Hercules stated that when he came to the orientation and saw all the different classes, it sparked his interest. He also said that it's an opportunity to get to know engineering."

Within the article Onikoyi agreed with Hercules that the classes really sparked her interest at the orientation. She was planning to become a doctor but says she is now considering a career in biomedical engineering and hopes to attend Johns Hopkins University or Harvard, among others. She is in the senior engineering class where their tasks include building a robot. "We had to build a robot and program it and use sensors to make it work on its own," she said. "It had to stay on a track and we'd race it. And it had to dance at the end."

The program isn't all about hands-on engineering, however. A speaker comes in each week to discuss their career with the students and there are weekly competitions among the classes.

What PACE Means To Me

Junior Testimonials

Ryan, Junior—Freehold Township High School

PACE has been extremely instrumental in my life – both in high school as well as out. PACE has helped me to identify myself as a student who excels in mathematics, but also understands the social concepts of having relationships with students and professors. Academically, PACE has helped to reinforce fundamental math concepts which I have learned in school. This reinforcement has helped me to keep my grades up, as well as be ahead of many students in my high school class. Furthermore, on a social level, PACE has improved my communication skills with both faculty and other students. I now have a better understanding of how to approach a teacher for help and also how to introduce myself to other students. PACE is a program that is well worth the time and effort. It will give any student an understanding of math and engineering, as well as an early lesson in college preparation and the importance of social relationships.

King, Junior—Red Bank Regional High School

PACE was created based on its name, Program for the Acceleration of Careers of Engineering. To many, PACE is a way to get private tutoring, or a ticket to better chances of getting into a good college. To me PACE is me. In PACE, we start out with mathematics and then we have a small break and finally engineering. When I say PACE is me, I don't mean I run the program or anything. I am saying that my passion is engineering, and my passion is me; PACE is engineering, so PACE is me. The three years I have attended PACE were more than engineering. The combination of friendly environment, skilled professors, and a shared passion for engineering has inspired me to not only advance in my engineering career, but also to stand for my beliefs, work hard, and stay strong. At first, people pretty much laughed at me when they heard that I spend my Saturdays practically going to school. But when I started excelling and bringing home various awards for leadership and invention, people started to look at me as a smart young man who would accomplish much; regardless of my name being King.

Senior Testimonials

Zane, Senior—Monmouth Regional High School

I wake every Saturday morning at 7AM to go to PACE. I do not go to PACE just to eat bagels – it's a learning experience. PACE is such an enriching program for minorities. As I am completing my years in high school PACE is helping me to understand mathematics. I am doing better in school and sometimes it puts me ahead of my class. PACE also offers so many opportunities for you to become successful in life. For example, they take you on college tours, offer an opportunity to do community service and provide information on scholarships and grants. PACE is such a wonderful place to me. I meet new friends, learn more and it has influenced me more to further my studies in school. Going to PACE every Saturday is fine by me!

Jamie, Senior—Shore Regional High School

My name is Jamie Pointer and I am senior at Shore Regional High School. I joined PACE as a freshman following my two sisters' footsteps. I learned of PACE from two of my sisters who attended PACE and are now alumni of the program. At first, I did not adjust very well at PACE because of being from a different school. I felt out of place and everyone else knew one another. The reason I wasn't as close was because during the spring session of PACE, I would always have track and that too was mostly on Saturdays. Since the college tour, my PACE experience has been very enriching. When I joined PACE, my interest was not Engineering or Technology, sad to say, it still isn't. When I enter my freshman year at college I plan to major in forensic science.

As a member of PACE, they have taught me to be a better student. Especially as a minority to strive for the best. When PACE is over, I will be sure to remember the first college tour I took. The college tour gave me a chance to open up, being the shy person I am. I had the chance to meet new people that became my best friends to this day. I wish I could stay at PACE one more year, I am sad to be leaving all these great instructors and students, but I will be back to visit.

PACE is really a head start to a new phase of adulthood and a taste of college preparation.

Creative Corner

This is a poem was written the day after the events that took place at Virginia Tech on April 16th 2007.

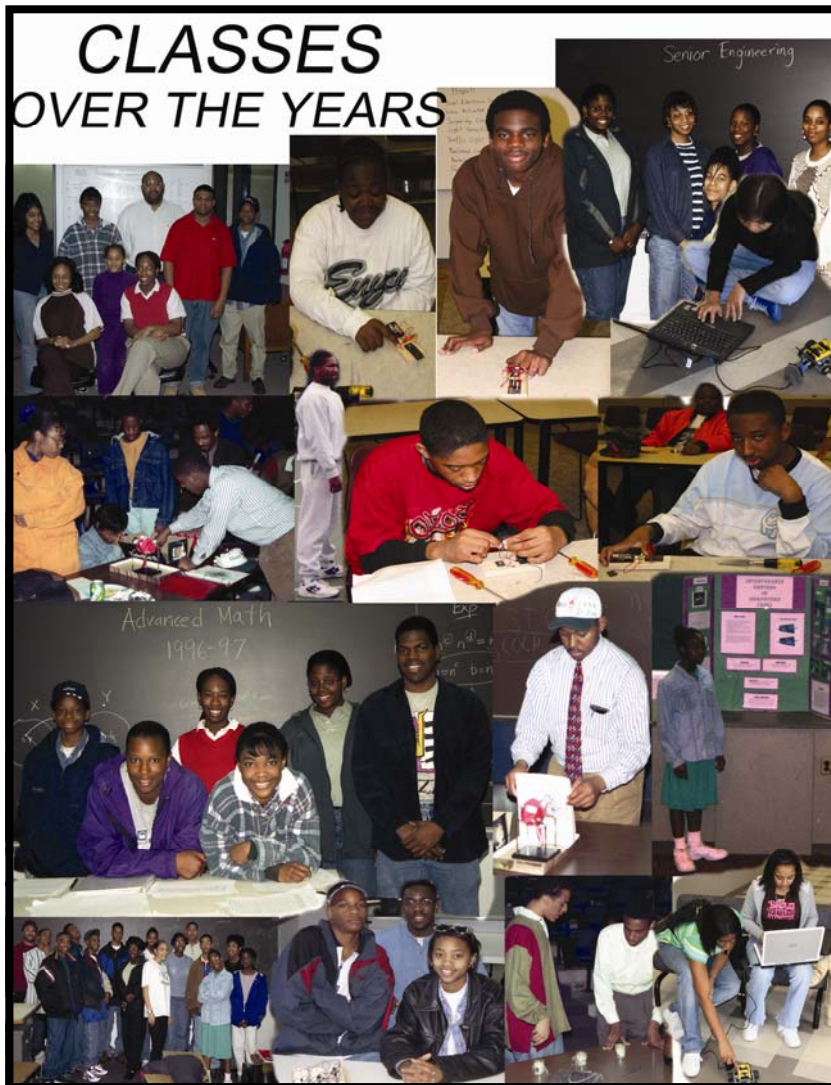
*Who knew that they would die,
before the killer came
Dark night came early, bad like a rainy day
All the time it rains, so all the time the pain
Why did he do it, the one that we blame
Now for the effect, cause and effect, kid
No one can deny that they were affected
No one doesn't care about all the bloodshed
VA Tech senior with a teck, it's a wreck, sh**
Why did Cho shoot, did he really have to shoot?
Why this man did it, do we know the root?
Media is sad, even though they have a scoop
Killing's like a rope, all tied in a loop
A knot so hard, can't be untied by you*

But you can't ignore this thing, 'cause this thing's so huge

*Now his face is on the TV to watch
Imagine all the fear, when people heard the shots
33 people, they were outta time
Couldn't run away, or turn on a dime, so damn
Now we'll see how the killer gets reprimanded
Waitin' like a bandit
His humanity abandoned
Damn, saying "sorry" is a band aid, damn
If only he thought of it the day before
Just sat down and caught up on a book report
Thinking about it makes us sad even more
How will he be judged in the eyes of God's court?*

by: David Alexis, Student

2006 Bridges



2007 Bridges



PACE IS . . .

The PACE Is newsletter is a forum for disseminating news of interest to the PACE family and showcasing the talents and accomplishments of the PACE-Monmouth students. We solicit news, articles, essays, poems, artwork and photography, especially from students. Please submit contributions via e-mail to newsletter@pace-monmouth.org or by U.S. mail to

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Acknowledgments

The following companies, organizations and individuals have made donations in the form of cash, goods or services in order to help make PACE-Monmouth a success. We appreciate each and every one of them for forming a partnership with PACE to help develop the technical skills and leadership potential of our students.

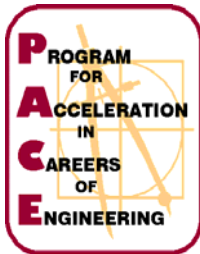
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