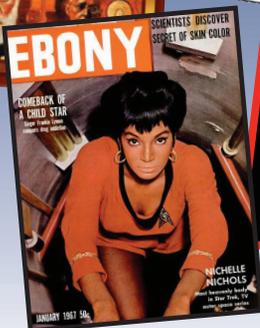
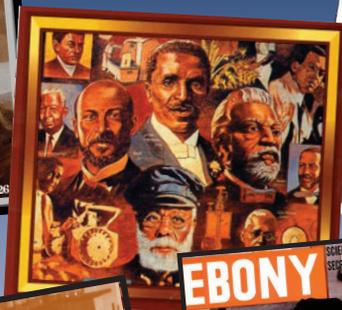


SECOND REGIONAL UNDERGRADUATE STUDENT RESEARCH CONFERENCE

*Social, Technological, and Scientific Advancements
of the 21st Century*



MARCH 16 ~ 17, 2012

**Host Institution: Delaware State University, Dover, DE
College of Arts, Humanities, and Social Sciences**



In Collaboration with:

On the cover (left to right): Aviator Pioneer Bessie Coleman;
Poster of Black Inventors; Henrietta Lacks (HeLa Cell host) and
her son David “Sonny” Lacks; George Washington Carver in the Lab;
On the cover of Ebony Magazine: Pioneer Actress Nichelle Nichols,
Lt. Uhura of the television series Star Trek; Apollo Theatre.

Second Regional Undergraduate Student Research Conference



Welcome!

We are pleased that you could join us for our *Second Regional Undergraduate Student Research Conference*. It is hard to believe that just a year ago, this conference was an idea whose energies centered on highlighting the excellent research our undergraduate students were doing in the academy. This year, our conference has blossomed into a two-day symposium that will build upon the tradition of last year. We are very fortunate to have **Delaware State University** host the conference this year, and Dr. Andrew Blake and Dr. Myrna Nurse have served as magnificent marshals for this event. The theme for this year's conference is broadly conceived under the heading "**Social, Technological, and Scientific Advancements of the 21st Century**." It is an irrefutable fact that we live in a constantly changing world. Our methods of communicating with each other, telling our stories, and responding to the changing social, political, environmental, economic, and spiritual climates have caused us to reinvent ourselves in a myriad of ways. Some of these reinventions have been noble, while others have raised more questions and challenges. Admittedly, higher education has entered this dialogue by compartmentalizing learning, not just for matters of convenience but to make our global environment comprehensible. We believe all bodies of knowledge—humanistic, technological, and scientific—are essential toward empowering and validating the value of *all* human beings. Our students' research interests reflect this fact. Each one represents a promise of advancing our world toward social equilibrium, and we support and applaud each presenter for his or her pursuit of excellence. We are also happy to have Lincoln University join us for the first time this year, and we look forward to many more productive conferences with them. A special thank you is extended to Dr. Emmanuel Babatunde and Dr. Robert Millette who helped facilitate our connection to Lincoln University.

We hope everyone has a wonderful time and thank you for attending.

Sincerely,

Dr. Andrew Blake, Co-Host Chair
Delaware State University

Dr. Myrna Nurse, Co-Host Chair
Delaware State University

Dr. Carol E. Henderson, USRC Executive Committee
University of Delaware

KEYNOTE SPEAKERS



Dr. Robin Smith Williams, a native of Garner, North Carolina, is the wife of DSU President Harry Lee Williams, the 10th president of Delaware State University. Their 18-year union has produced two sons: Austin, 15, and Gavin, 11.

Dr. Robin Williams is the only First Lady in the 119-year history of Delaware State University to possess a doctorate. She earned a Bachelor of Science in Communication Media and a Master of Arts in Industrial Technology, Graphic Communications, both from Appalachian State University – where she first met her husband.

In 2001, she earned an Ed.D. in Technology Education from North Carolina State University in Raleigh. Her dissertation topic was *An Analysis of Award Winning Local School Technology Education Teachers and Their Use of Effective Leadership Practices*.

An educator in her own right, Dr. Robin Williams taught from 1995 to 2009 at Appalachian State, where she rose to the rank of a tenured associate professor in the university's Thomas W. Reese Graphic Arts and Imaging Technology Program. In addition to teaching undergraduate courses, Dr. Williams taught several graphic arts courses at the master's level during that tenure and served on a number of graduate student committees, six of which she chaired.

In 1999, she was one of two doctoral students in the University of North Carolina system to receive the Board of Governors' Faculty Doctoral Study Assignment Program Award. In 2006, she was selected to receive the North Carolina Technology Education Association's Excellence in Education Award.

She served as an associate dean in the University College of North Carolina Central University in Durham during the 2009-2010 academic year. In that capacity, she worked to improve the University's retention and graduation rates and successfully wrote two Title III grants totaling more than \$1.5 million to support that work.

In addition to supporting her husband as the First Lady of DSU, Dr. Robin Williams currently serves as the Executive Director of the University College at Cheyney University of Pennsylvania.



“Every child needs someone to be crazy about them.” These are the words of **Salome Thomas-EL**, award-winning teacher and principal and nationally recognized educator. They shape his life-long commitment to answering the question, “How do we ensure that every child achieves their greatest potential?” This question lies at the heart of the national dialogue on education policy, the day in and day out work of school personnel, and the hopes of every parent. Central to this challenge is how we succeed with children who are facing the most serious barriers to success: poverty, violence, neglect, and low expectations.

For over 20 years, Principal EL has taken on this challenge with the absolute belief that every child can and will learn as long as adults in their world care enough to not give up. Starting as a teacher and chess coach at Vaux Middle School and through his years as principal at several traditional public and charter schools, Thomas-EL has transformed the attitudes and strategies of school staff, parents, and members of the community to help hundreds of troubled children not only graduate from high school but go on to earn higher degrees from major colleges and universities. He brings to the process a powerful combination of passion, caring, and leadership to craft a refreshing, common-sense roadmap to help kids achieve their dreams, no matter the odds.

Salome Thomas-EL lives in Delaware County with his wife and two young daughters. He has been a teacher and principal in Philadelphia, Pennsylvania in 1987 and more recently in Wilmington, Delaware where he is currently the Head of School at Thomas Edison Charter School in Wilmington since 2010. Principal EL received national acclaim as a teacher and chess coach at Vaux Middle School, where his students have gone on to win world recognition as Eighth-time National Chess Champions. Principal EL was a regular contributor on the first season of “The Dr. Oz Show” and is the author of the best-selling books, *I Choose to Stay*, about his Vaux Middle School experience, and *The Immortality of Influence (Foreword by Will Smith)*, which stresses the importance of leadership, mentoring, parenting and service to others. The Walt Disney Company optioned the movie rights to *I Choose to Stay*. Thomas-EL speaks to groups across the country and frequently appears on C-SPAN, CNN, and NPR Radio. He has studied in Cambridge and London, England and is currently a doctoral candidate. He has received the Marcus A. Foster Award as the outstanding School District Administrator in Philadelphia and the University of Pennsylvania’s distinguished Martin Luther King Award. *Reader’s Digest Magazine* recently recognized Principal EL as an “Inspiring American Icon”. Principal EL recently appeared on “The Oprah Radio Network”.

Conference Program

Friday, March 16, 2012

3:00 p.m. – 4:00 p.m.: Registration

3:15 p.m.: Welcome Addresses:

Dr. Marshall Stevenson, Dean, College of Arts, Humanities, and Social Sciences

Dr. Alton Thompson, Provost and Vice President for Academic Affairs

3:15 p.m. – 3:45 p.m. Keynote Address:

Dr. Robin Williams, First Lady, Delaware State University

Concurrent Panel Sessions are from 4p.m.-5:15p.m.

<p>Panel 1 4 p.m. – 5:15 p.m.</p> <p>MLK Parlor A Growing Up in the Age of Technology</p> <p>Moderator: Dr. Francine Edwards, Associate Professor, Mass Communications Department, Delaware State University</p> <p>Jazzmyn Molson, Delaware State University “Children Learning Words through Categorization”</p> <p>Khalice Payne, Delaware State University “Autism’s Emotional Impact on Mothers of Autistic Children”</p> <p>Darice Owens, Delaware State University “Using the Sport of Basketball for Social Physical, Psychological and Educational Development”</p> <p>Alexis Davis, Delaware State University “Speech Impediments and How it delays a child’s Cognitive and Social Development”</p>	<p>Panel 2 4 p.m. – 5:15 p.m.</p> <p>MLK Parlor B Mind, Body, Spirit Advancements in the New Millennium</p> <p>Moderator: Ms. Natalie Belcher, Instructor, Department of English and Foreign Languages, Delaware State University</p> <p>Jennifer Boucicaut, Delaware State University “Preparation and Characterization of Temozolomide-Loaded Chitosan Nanoparticles for Targeting Brain Tumors”</p> <p>Taffie Brown, Junior, Delaware State University “The Effects of Nordic Walking Poles on Middle Aged Women with Metabolic Syndrome”</p> <p>Latia Manning, Delaware State University “The Relation of Cognitive Dissonance in the Initiation Processes and the Development of Social Bonding and Acceptance in the Police Academy”</p> <p>Sonya Inderbitzin, Delaware State University “Starving for Perfect: The Disconnection between Americas Food Waste and Insecurity”</p>
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Saturday, March 17

8:00 a.m. – 8:45 a.m. Continental Breakfast and Onsite Registration

8:45 a.m.: Welcome Address

Dr. Harry Williams, President, Delaware State University

Concurrent panel sessions are from 9 a.m.-3:45 p.m.

Poster Presentation Set-up

<p>Panel 1 9 a.m. – 10:15 a.m.</p> <p>MLK Parlor A Scientific Progress in the 21st Century</p> <p>Moderator: Dr. John Rich, Assistant Professor, Sociology Department, Delaware State University</p> <p>Shatice Jones, Delaware State University “The Effects of Appointment Defaults on Attitudes towards Influenza Vaccinations”</p> <p>Rochelle McDonald, Delaware State University “Dopamine Modulation through an Auto-Receptor in <i>C. Elegans</i> Behavioral Plasticity”</p> <p>Clinton Williams, Delaware State University “Efficacy of Pumpkin Seed Oil in Parasite Control in Lambs”</p> <p>Travis Worrell, Delaware State University “The Effect of Ethanol on Weakfish Mauthner Cell”</p>	<p>Panel 2 9 a.m. – 10:15</p> <p>MLK Parlor B Social Media and Public Policy</p> <p>Moderator: Keenon Mann, M.Ed., Doctoral Candidate School of Education, University of Delaware</p> <p>Rashidah McCoy, Delaware State University “Friend or Foe?: A Content Analysis of Crisis Communications through the Media during the Japan Tsunami”</p> <p>Malik Foster, Delaware State University “The Split of Sudan: How Crimes against Humanity Affect Sudan’s Economic Status”</p> <p>Samantha Holsey, Delaware State University “Troy Anthony Davis and the Misapplication of Capital Punishment in America”</p> <p>Charles Casteel, Delaware State University “Examining the Underlying Psychopathology of Adolescent Males who have Committed Homicide”</p>
<p>Panel 3 10:30 a.m. – 11: 45 a.m.</p> <p>MLK Parlor A Inventing Race in the Social and the Scientific</p> <p>Moderator: Dr. Niklas Robinson, Assistant Professor, Department of History, Political Science, and Philosophy, Delaware State University</p> <p>Tobe Ofuani, University of Delaware “Jail Punishment in Education: Disciplinary Actions and Young Black men in the Third and Fourth Periods”</p> <p>J. Jamel Smiley, Delaware State University “What is the Cause of Mid Air Collisions?: A Study of the Reasoning behind the High Rate of Collisions in Instructional Flights”</p> <p>Kara Rice, Delaware State University “Investigations of Syntactic Bootstrapping”</p>	<p>Panel 4 10:30 a.m. – 11: 45 a.m.</p> <p>MLK Parlor B Re-examining America’s Social Contract</p> <p>Moderator: Dr. Betsy Nielsen, Associate Professor, Department of English and Foreign Languages, Delaware State University</p> <p>Shantel Campbell, University of Delaware “Diversity, Competition, and Localism: Re-examining the Federal Communications Commission”</p> <p>Michelle Rolsal, Delaware State University “Gender Disparity in the Public Relations Field”</p> <p>Delvise Fogwe, Delaware State University “The Bell Curve: Its Social, Economic, and Political Effects on African Americans, the Poor and Other Minority Groups”</p>

11:45 a.m. – 12:45 p.m. Lunch

12: 15 p.m. – 12: 45 p.m.:

Keynote Address: **Mr. Salome Thomas-El**

Principal-Educator, Thomas Edison Charter School of Wilmington

Panel 5 1 p.m. – 2:45 p.m.

MLK Parlor A

Colorism and Culture in the 21st Century

Moderator: Dr. Arica Coleman, Assistant Professor, Department of Black American Studies, University of Delaware

ReShawn Johnson, Delaware State University
“Reinventing Black Womanhood in the writings of Phillis Wheatley and Zora Neale Hurston”

Yetunde Olayinka, Lincoln University
“Can Caribbean People Assimilate?”

Kristin Rowe, University of Delaware
“Skin Tone, Beauty, and Marriage: Colorism and Skin Tone’s Effect on Marriage Rates for Black Women”

Panel 7 3 p.m. – 4:15 p.m.

MLK Parlor A

Donning Culture in the Digital Age

Moderator: Dr. Stephen Taylor, Associate Professor, Department of History, Political Science, and Philosophy, Delaware State University

Thiasia Johnson, Lincoln University
“African American Male Academic Success: An Examination of Social Networks and Financial Support”

Mikhail Wint, Delaware State University
“Trust: A Measure of Bias”

Brooklynn Hitchens, University of Delaware
“Evolution of the ‘Bad B*tch’: Black Women’s Agency and Sexual Capital in America”

Jessica Bull, University of Delaware
“Perceptions of Natural Hair in the 21st Century”

Panel 6 1 p.m. – 2:45 p.m.

MLK Parlor B

Social Networks and Race

Moderator: Dr. Emmanuel Babatunde, Professor, Department of Sociology and Anthropology, Lincoln University

Synquette Wilks, Delaware State University
“Extended Internet Use: Friend or Foe?”

Cearra Jones, Delaware State University
“African Americans and Mathematics: Pedagogy Preference”

Gianna Harris, Delaware State University
“The Invisible Year: A Reflection of the Sophomore Year of Higher Education”

Lavine Grimes, Lincoln University
“The Effect of Social Support Systems on the Academic Development of African American Male College Students”

Panel 8 3 p.m. – 4:15 p.m.

MLK Parlor B

Community under Pressure: Parenting and Social Development in the New Age

Moderator: Dr. Andrew Blake, Assistant Professor, English & Foreign Languages, Delaware State University

Kimele Gray, Delaware State University
“The Effect of paternal Parenting Stress on Child Cognitive Development at 24 months of Age”

Sashalee King, Delaware State University
“Single Mothers vs. Single Fathers: The Academic Performance of Children Raised by Opposite Sex Parent”

Richard Faison, Lincoln University
“Retention and Graduation Rates of African American Males: Another Look at the HBCUs”

Charnele Davis, Lincoln University
“Retention in African American Males at Lincoln U”

POSTER PRESENTATION Q & A 4:15- 4:30 p.m.

Janet Cordero, Delaware State University, "Beneficial Effects of Rhizospheric Microbiota on Rice"
Michelle Francis, University of Delaware, "Crosslinking Venom Protein to Melanoma Cells"
Hillari Howard, Delaware State University
Monet Le'Mon, Delaware State University, "The Underground Railroad: Past and Present"
Michelle Pleet, University of Delaware, "The Metabolic Cycle of Life-linking Glucose Anabolism and Catabolism"
Taria Pritchett, University of Delaware, "Essence Magazine: Tracking the Vision of Black Women"

Closing Ceremony: 4:35-5:00 p.m.

Awards Presentation

In Memoriam: Dr. Tonia Conley, Director, McNair Scholars Program, DSU

Closing remarks

Black National Anthem: DSU Concert Choir (small group)

CONFERENCE PRESENTERS AT A GLANCE

Donning Culture in the Digital Age

Thiasia Johnson, Senior, Criminal Justice Major (Dr. Zoran Milovanovich, Advisor, LU)
Mikhail Wint, Senior, Psychology Major (Dr. John Rich, Advisor, DSU)
Brooklynn Hitchens, Junior, Black American Studies and English (Dr. Carol E. Henderson, Advisor, UD)
Jessica Bull, Senior, Black American Studies and Sociology (Dr. Maggie Ussery, Advisor, UD)

Social Networks and Race

Synquette Wilks, Junior, Mass Communications Major (Dr. Myna German, Advisor, DSU)
Cearra Jones, Senior, Mathematics Major (Dr. Nicola Edwards-Omolewa, Advisor, DSU)
Gianna Harris, Junior, Social Work Major (Dr. Millicent Carvalho-Grevious, Advisor, DSU)
Lavine Grimes, Senior, Anthropology Major (Dr. Emmanuel Babatunde, Advisor, LU)

Community under Pressure: Parenting and Social Development in the New Age

Kimele Gray, Senior, Psychology Major (Dr. Antoinette Farmer, Advisor, Rutgers University/DSU McNair Research Program)
Sashalee King, Junior, English Major (Dr. Rebecca Fox-Lykens, Advisor, DSU)
Richard Faison, Senior, Criminal Justice Major (Dr. Zoran Milovanovich, Advisor, LU)
Charnele Davis, Senior, Sociology Major (Dr. Anthony DiFilippo, Advisor, LU)

Scientific Progress in the 21st Century

Shatice Jones, Senior, Psychology Major (Dr. Gretchen Chapman, Advisor, DSU)
Rochelle McDonald, Senior, Forensic Biology Major (Dr. Harbinder Dhillon, Advisor, DSU)
Clinton Williams, Junior, Pre-Veterinary Science Major; Biology Minor, (Dr. Dahlia Jackson-O'Brien, Advisor, DSU)
Travis Worrell, Senior, Forensic Biology Major (Dr. Theresa Tszabo-Maas, Advisor, DSU)

Social Media and Public Policy

Rashidah McCoy, Senior, Mass Communication Major (Dr. Francine Edwards, Advisor, DSU)
Malik Foster, Junior, Political Science Major (Dr. Samuel Hoff, Advisor, DSU)
Samantha Holsey, Senior, Political Science Major (Dr. Samuel Hoff, Advisor, DSU)
Charles Casteel, Senior, Psychology Major (Dr. Gwendolyn Scott-Jones, Advisor, DSU)

Mind, Body, Spirit Advancements in the New Millennium

Jennifer Boucicaut, Senior, Forensic Biology Major (Dr. Chereese Winstead, Advisor, DSU)
Taffie Brown, Junior, Pre-Nursing Major (Dr. Carla Murgia, Advisor, DSU)
Latia Manning, Senior, Sociology Major (Dr. Lee Streetman, Advisor, DSU)
Sonya Inderbitzin, Sophomore, Biology (Dr. Andrew Blake, Advisor, DSU)

Inventing Race in the Social and the Scientific

Tobe Ofuani, Junior, Psychology Major (Dr. Jacqueline Aldridge, Advisor, UD)
J. Jamel Smiley, Senior, Aviation Management Major (Captain Stephen Speed, Advisor, DSU)
Kara Rice, Junior, Psychology Major (Dr. Rachel Pulverman, Advisor, DSU)
Delvise Fogwe, Sophomore, Nursing Major (Dr. Andrew Blake, Advisor, DSU)

Colorism and Culture in the 21st Century

ReShawn Johnson, Junior, English Major (Dr. Andrew Blake and Dr. A. Myrna Nurse, Advisors, DSU)
Yetunde Olayinka, Senior, Anthropology Major (Dr. Emmanuel Babatunde, Advisor, LU)
Taria Fritchett, Senior, English Education/Urban Education (Dr. Elizabeth Higginbotham, Advisor, UD)
Kristin Rowe, Junior, Black American Studies/English Majors (Dr. Carol E. Henderson and Dr. Phillip Mink, Advisors, UD)

Growing Up in the Age of Technology

Jazzmyn Molson, Junior, Psychology Major (Dr. Rachel Pulverman, Advisor, DSU)
Khalice Payne, Junior, Special Education Major (Dr. Andrew Blake, Advisor, DSU)
Darice Owens, Senior, Psychology Major (Dr. Gwendolyn Scott-Jones, Advisor, DSU)
Alexis Davis, Junior, Psychology Major (Dr. Padmini Banerjee, Advisor, DSU)

Re-examining America's Social Contract

Shantel Campbell, Junior, Communications Major (Dr. Daniel Yanich, Advisor, UD)
Michelle Rolsal, Senior, Mass Communications Major (Dr. Michael Casson, Advisor, DSU)
Michelle Francis, Junior, Medical Technology Major, (Dr. Mary Ann McLane, Advisor, UD)

Poster Presentations

Janet Cordero, Junior, Pre-Veterinary Medicine Major (Dr. Harsh Bais and Dr. Venkatesan Sundaresan, Advisors, DSU)
Michelle Francis, Junior, Medical Technology Major (Dr. Mary Ann McLane, Advisor, UD)
Hillari Howard, Sophomore, Environmental Science Major (Dr. Chandran Sabanayagam, Advisor, DSU)
Monet Le'Mon, First-year, Studio Art Major & College Advance Learning Community Member (Dr. A. Myrna Nurse, Advisor, DSU)
Michelle Pleet, Senior (UD)

In Memoriam

Akiah S. Powell, Senior, Political Science Major (Dr. Samuel Hoff, Advisor, DSU)

GRATEFUL ACKNOWLEDGMENTS

Grateful acknowledgment is given to all those individuals who helped to make this day possible: Dr. Myrna Nurse, Dr. Andrew Blake, Dr. Carol Henderson, Dr. Emmanuel Babatunde, and Dr. Robert Millette for planning

and preparation. We'd like to thank our students for sharing their wonderful gifts of intellectual inquiry with us. We thank our keynote speakers for sharing their time and talents. We also thank the advisors at Delaware State University, Lincoln University, and the University of Delaware who worked with many of our students. We hope today pays homage to the purpose and power of teaching and mentoring. This symposium was generously funded by the College of Arts, Humanities, and Social Sciences at Delaware State University and the College of Mathematics, Natural Sciences, and Technology. Special thanks go to Dr. Marshall F. Stevenson, Dean of the College (DSU), Dr. Joe Amoako, Interim Chair of English and Foreign Languages (DSU), and Dr. Mazen Shahin, Director, HBCU-UP SMILE (DSU). We thank the Department of Black American Studies (UD) for their vision and financial support of those students who traveled from Newark to Dover. And, to all of the faculty, staff, and students who have willingly assisted—too numerous to name here—may we honor you and the spirit of Ubuntu today in all that we do.



BLACK INVENTORS AND THEIR INVENTIONS LIST (SELECTED)

Source: Museum of Black Inventions and Inventors

air conditioning unit	Frederick M. Jones	July 12, 1949
almanac	Benjamin Banneker	Approx 1791
automatic gear shift	Richard Spikes	February 28, 1932
baby buggy	W.H. Richardson	June 18, 1899
bicycle frame	L.R. Johnson	October 10, 1899
blood plasma bag	Charles Drew	Approx. 1945
cellular phone	Henry T. Sampson	July 6, 1971
chamber commode	T. Elkins	January 3, 1897
clothes dryer	G. T. Sampson	June 6, 1862
curtain rod	S. R. Scrattton	November 30, 1889
door knob	O. Dorsey	December 10, 1878
dust pan	Lawrence P. Ray	August 3, 1897
electric lampbulb	Lewis Latimer	March 21, 1882
elevator	Alexander Miles	October 11, 1867
fire escape ladder	J. W. Winters	May 7, 1878
fire extinguisher	T. Marshall	October 26, 1872
folding bed	L. C. Bailey	July 18, 1899
folding chair	Brody & Surgwar	June 11, 1889
gas mask	Garrett Morgan	October 13, 1914
golf tee	T. Grant	December 12, 1899
guitar	Robert F. Flemming, Jr.	March 3, 1886
hair brush	Lydia O. Newman	November 15, 18--
horse shoe	J. Ricks	March 30, 1885
ice cream scooper	A. L. Cralle	February 2, 1897
ironing board	Sarah Boone	December 30, 1887
lawn mower	L. A. Burr	May 19, 1889
lawn sprinkler	J. W. Smith	May 4, 1897
lock	W. A. Martin	July 23, 18--
lunch pail	James Robinson	1887
mail box	Paul L. Downing	October 27, 1891
mop	Thomas W. Stewart	June 11, 1893
motor	Frederick M. Jones	June 27, 1939
pencil sharpener	J. L. Love	November 23, 1897
refrigerator	J. Standard	June 14, 1891
spark plug	Edmond Berger	February 2, 1839
stethoscope	Imhotep	Ancient Egypt
stove	T. A. Carrington	July 25, 1876
street sweeper	Charles B. Brooks	March 17, 1890
thermostat control	Frederick M. Jones	February 23, 1960
traffic light	Garrett Morgan	November 20, 1923
typewriter	Burridge & Marshman	April 7, 1885

NOTABLE BLACK WOMEN INVENTORS AND THEIR INVENTIONS

Virgie M. Ammons	Fireplace Damper	Sept. 30, 1975
Louise H. Andrews	Lens Holder Accessory	Pending
Patricia Bath, M.D.	Apparatus for Ablating & Removing Cataract Lenses	May 17, 1988
Miriam E. Benjamin	Gong & Signal Chair for Hotels and the Like	July 17, 1888
Sarah Boone	Ironing Board	April 26, 1892
Henrietta Bradberry	Bed Rack	May 25, 1943
	Torpedo Discharger Means	Dec. 11, 1945
Marie V. Brittan Brown	Home Security System Utilizing Television Surveillance	Dec. 2, 1969
I.O. Carter	Nursery Chair	Feb. 9, 1960
Joan Clark	Medicine Tray	April 1, 1987
	Holder for Bras and Like	Aug. 31, 1976
Beatrice L. Cowans	Embroidered Fruit Bowl	April 5, 1977
Virginia E. Hall	Wall Hanging & Kit	
Gertrude Downing	Corner Cleaner Attachment	April 5, 1977
Ellen Elgin	Clothes Wringer	1880s
Cathleen McCoy Garrett	Siren/Horn Light Indicator	Pending
Sara E. Goode	The Cabinet Bed	July 14, 1885
Bessie V. Griffin	Portable Receptable	April 24, 1951
Julia Terry Hammons	Apparatus for Holding Yarn Skies	Dec. 15, 1896
Joanna Hardin	Keyboard Stand	Feb. 23, 1993
Lydia M. Holmes	Knockdown Wheeled Toy	Nov. 14, 1985
Ruane Jeter	Digital Toaster	April 14, 1987
Marjorie S. Joyner	Permanent Waving Machine	1928
Mary B. Kenner	Sanitary Belt	May 15, 1956
	Sanitary Belt with Moistureproof Napkin Pocket	April 14, 1959
	Carrier Attachment for Invalid Walker	May 18, 1976
	Bathroom Tissue Holder	Oct. 19, 1982
	Backwash Mounted on Shower Wall & Bathtub	July 29, 1987
Mary Kies	Weaving Straw with Silk	May 5, 1809
Anna Mangin	Pastry Fork	1892
Lyda D. Newman	Hair Brush	Nov. 15, 1898
Natalie R. Love	T-top Roof Cover	May 5, 1992
Alice H. Parker	Improvement on the Heating Furnish	Dec. 23, 1919
Brothella Quick	Pocketed Underwear	Nov. 17, 1981
Carol Randall	Ear Clips	Nov. 17, 1981
	Tissue Tote	Nov. 20, 1990
Judy W. Reed	Improvement in Dough Kneader & Roller	Sept. 20, 1884
Mary J. Reynolds	Hoisting/Loading Mechanism	April 20, 1920
Mildred A. Snow	Family Relationship Card Game	Oct. 28, 1980
Maxine Snowden	Rain Hat	1983
Theora Stephens	Pressing/Curling Iron	1983
Valerie Thomas	Illusion Transmitter	Oct. 21, 1980
M. Toland	Float-operated Circuit Closer	May 4, 1920
Madeline M. Turner	The Fruit Press	1905
Madame C.J. Walker	Hair Care Products with Straightening Comb	1905

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