

# List of African-American inventors and scientists

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This **list of black inventors and scientists** documents many of the African Americans who have invented a multitude of items or made discoveries in the course of their lives. These have ranged from practical everyday devices to applications and scientific discoveries in diverse fields, including physics, biology, math, plus the medical, nuclear and space science.

Among the earliest was George Washington Carver, whose reputation was based on his research into and promotion of alternative crops to cotton, which aided in nutrition for farm families. He wanted poor farmers to grow alternative crops both as a source of their own food and as a source of other products to improve their way of life. The most popular of his 44 practical bulletins for farmers contained 105 food recipes using peanuts.<sup>[1]</sup> He also developed and promoted about 100 products made from peanuts that were useful for the house and farm. He received numerous honors for his work, including the Spingarn Medal of the NAACP.

A later renowned scientist was Percy Lavon Julian, a research chemist and a pioneer in the chemical synthesis of medicinal drugs from plants. He was the first to synthesize the natural product physostigmine, and a pioneer in the industrial large-scale chemical synthesis of the human hormones, steroids, progesterone, and testosterone, from plant sterols such as stigmasterol and sitosterol. His work would lay the foundation for the steroid drug industry's production of cortisone, other corticosteroids, and birth control pills.

A contemporary example of a modern-day inventor is Lonnie George Johnson, an engineer. Johnson invented the Super Soaker water gun, which was the top-selling toy in the United States in 1991 and 1992. In 1980 Johnson formed his own law firm and licensed the Super Soaker water gun to Larami Corporation. Two years later the Super Soaker generated over \$200 million in retail sales and became the best selling toy in America. Larami Corporation was eventually purchased by Hasbro, the second largest toy manufacturer in the world. Over the years, Super Soaker sales have totaled close to one billion dollars. Johnson reinvested a majority of his earnings from the Super Soaker into research and development for his energy technology companies – "It's who I am, it's what I do."<sup>[2]</sup> Currently, Johnson holds over 80 patents, with over 20 more pending, and is the author of several publications on spacecraft power systems.<sup>[3][4]</sup>

Name	Years	Occupation(s)	Inventions / accomplishments	References
<u>Amos, Harold</u>	1918–2003	<u>Microbiologist</u>	First African-American department chair at <u>Harvard Medical School</u>	[5]
<u>Alcorn, George Edward, Jr.</u>	1940–	<u>Physicist, inventor</u>	Invented a method of fabricating an imaging <u>X-ray spectrometer</u>	[6][7]
<u>Andrews, James J.</u>	1930–1998	Mathematician	Put forth the <u>Andrews–Curtis conjecture in group theory</u> with <u>Morton L. Curtis</u> , still unsolved	[8]
<u>Alexander, Archie</u>	1888–1958	Civil engineer	Responsible for the construction of many roads and bridges, including the <u>Whitehurst Freeway</u> , the <u>Tidal Basin Bridge</u> , and an extension to the <u>Baltimore-Washington Parkway</u> .	
<u>Bailey, Leonard C.</u>	1825–1918	Inventor	<u>Folding bed</u>	[9]
<u>Ball, Alice Augusta</u>	1892–1916	<u>Chemist</u>	Extracted <u>chaulmoogra oil</u> for the treatment of <u>Hansen's disease</u> (leprosy)	[10]
<u>Banneker, Benjamin</u>	1731–1806	Mathematician, astronomer, surveyor, clockmaker, author, farmer	Wooden clock (1753); assisted in survey of the original boundaries of the District of Columbia (1791); authored <u>almanac</u> and <u>ephemeris</u> (1792–1797)	[11]
<u>Banyaga, Augustin</u>	1947–	Mathematician	Work on <u>diffeomorphisms</u> and <u>symplectomorphisms</u>	[12]
<u>Bashen, Janet</u>	1957–	Inventor, entrepreneur, professional consultant	First African-American woman to receive a patent for a web-based software invention, LinkLine, an <u>Equal Employment Opportunity</u> case management and tracking software	[13]
<u>Bath, Patricia</u>	1942–	<u>Ophthalmologist</u>	First African-American female physician to receive a patent for a medical invention; inventions relate to cataract surgery and include the <u>Laserphaco Probe</u> , which revolutionized the industry in the 1980s, and an ultrasound technique for treatment	[14][15][16]
<u>Beard, Andrew</u>	1849–1921	Farmer, <u>carpenter</u> , <u>blacksmith</u> , <u>railroad worker</u> , businessman, inventor	<u>Janney coupler</u> improvements; invented the car device #594,059 dated November 23, 1897; rotary engine patent #478,271 dated July 5, 1892	[17]
Bell, Earl S.	1977–	Inventor, entrepreneur, architect, industrial designer	Invented chair with sliding skin (2004) and the	[18] [19] [20]

			quantitative display apparatus (2005)	
<u>Benjamin, Miriam</u>	1861–1947	Inventor, educator	Invented "Gong and Signal Chair for Hotels"; second African-American woman to receive a patent	[21]
<u>Berry, Leonidas</u>	1902–1995	<u>Gastroenterologist</u>	<u>Gastroscope</u> pioneer	[22]
<u>Bharucha-Reid, Albert T.</u>	1927–1985	Mathematician, statistician	<u>Probability theory</u> and <u>Markov chain</u> theorist	[23]
<u>Black, Keith</u>	1957–	<u>Neurosurgeon</u>	<u>Brain tumor</u> surgery and research	[24][25]
<u>Blackwell, David</u>	1919–2010	Mathematician, statistician	First proposed the <u>Blackwell channel</u> model used in <u>coding theory</u> and <u>information theory</u> ; one of the eponyms of the <u>Rao–Blackwell theorem</u> , which is a process that significantly improves crude statistical estimators	[26]
<u>Blair, Henry</u>	1807–1860	Inventor	Second black inventor to issue a patent; invented seed planter and cotton planter.	[27] [28]
<u>Boahen, Kwabena</u>	1964–	<u>Bioengineer</u>	<u>Silicon retina</u> able to process images in the same manner as a living retina	[29][30]
<u>Boone, Sarah</u>	1832–1905	Inventor	<u>Ironing board</u> allowing sleeves of women's garments to be ironed more easily	[31][32][33]
<u>Bouchet, Edward</u>	1852–1918	<u>Physicist</u>	First African-American to receive a PhD in any subject; received physics doctorate from <u>Yale University</u> in 1876	
<u>Bowman, James</u>	1923–2011	Physician	Pathologist and geneticist; Professor Emeritus Pritzker School of Medicine; first tenured African-American professor at the University of Chicago Division of Biological Sciences	[34][35]
<u>Boykin, Otis</u>	1920–1982	Inventor, engineer	Artificial heart pacemaker control unit	[36][37][38]
<u>Brady, St. Elmo</u>	1884–1966	<u>Chemist</u>	Published three scholarly abstracts in <i>Science</i> ; collaborated on a paper published in the <i>Journal of Industrial and Engineering Chemistry</i>	[39]
<u>Branson, Herman</u>	1914–1995	<u>Physicist</u> , educator	Protein structure research	[40][41]
<u>Brooks, Charles</u>	1865– ?	Inventor	<u>Street sweeper</u> truck and a type of paper punch	[42][43]

<u>Brooks, Phil</u>	19xx–	Inventor	First US patent for a <u>disposable syringe</u>	
<u>Henry Brown</u>	1832– ?	Inventor	Invented <u>fire safe</u>	[44]
<u>Brown, Oscar E.</u>	18xx– ?	Inventor	Received a patent for an improved <u>horseshoe</u> <sup>[45]</sup>	
<u>Brown, Marie Van Brittan</u>	1922– 1999	Inventor	Invented the home security system	[46]
<u>Burr, John Albert</u>	18xx– ?	Inventor	<u>Rotary-blade lawn mower patent</u>	[47]
<u>Cannon, Thomas C.</u>	1943–	Inventor	Led a group of engineers who developed the Tactical Optical Fiber Connector (TOFC), the first fiber optic connector deployed under battlefield conditions, and the ST Connector that helped make fiber optic communications affordable.	
<u>Cardozo, William Warrick</u>	1905– 1962	<u>Pediatrician</u>	<u>Sickle cell anemia studies</u> ; in October 1937 he published "Immunologic Studies in Sickle Cell Anemia" in the Archives of Internal Medicine; many of the findings are still valid today	
<u>Carson, Ben</u>	1951–	<u>Pediatric neurosurgeon</u>	<u>Pediatric neurosurgery at Johns Hopkins University</u> ; first surgeon to successfully separate <u>craniopagus twins</u>	[48]
<u>Carruthers, George</u>	1939–	<u>Astrophysicist</u>	Invented ultraviolet camera/spectograph, which was used by NASA when it launched Apollo 16 in 1972	[46]
<u>Carver, George Washington</u>	1865– 1943	<u>Botanical researcher</u>	Discovered hundreds of uses for previously useless vegetables and fruits, principally the <u>peanut</u>	[49][50][51][52]
<u>Charles W. Chappelle</u>	1872– 1941	Electrician, construction, international businessman, and aviation pioneer	Designed long-distance flight airplane; the only African-American to invent and display the airplane at the 1911 First Industrial Air Show held in conjunction with the Auto Show at Grand Central Palace in Manhattan in New York City; president of the African Union Company, Inc.	[53][54][55]
<u>Chappelle, Emmett</u>	1925–	Scientist and researcher	Valuable contributions to several fields: medicine, <u>biology</u> , <u>food science</u> , and <u>astrochemistry</u>	
<u>Clark, Mamie</u>	1914– 2005	<u>Psychologist</u>	Conducted 1940s experiments using dolls to study children's attitudes about race	

<u>Clark, Kenneth</u>	1917–1983	<u>Psychologist</u>	First Black president of the American Psychological Association	[56]
<u>Crosthwait, David, Jr.</u>	1898–1976	<u>Research engineer</u>	Heating, ventilation, and air conditioning; received some 40 US patents relating to HVAC systems	
<u>Curtis, James H (Nick)</u>	1935–	Researcher, chemist (electronics/specialty chemicals)	Organic ionogen for aluminum electrolytic capacitors, cationic dialdehyde polysaccharides for wet strength paper and others, US Patent Office US Pat #3609467 US Pat #3547423 and others	
<u>Dabiri, John</u>	1980–	<u>Biophysicist</u>	Expert on jellyfish hydrodynamics and designer of a vertical-axis wind farm adapted from schooling fish	
<u>Daly, Marie Maynard</u>	1921–2003	<u>Chemist</u>	First black American woman with a PhD in chemistry	
<u>Dean, Mark</u>	1957–	<u>Computer scientist</u>	Led the team that developed the ISA bus, and led the design team responsible for creating the first one-gigahertz computer processor chip	[57][58][59]
<u>Drew, Charles</u>	1904–1950	Medical researcher	Developed improved techniques for blood storage	
<u>Du Chaillu, Paul</u>	1831–1903	<u>Zoologist explorer Anthropologist</u>	Explorer; first modern European outsider to confirm the existence of gorillas, and later the Pygmy people of central Africa; identified as white throughout life, but his mother was a Réunionnais mulatto; settled in America and considered it his country by adoption; the full aspects of his ancestry were not uncovered until 1979, and are still little known today	
<u>Easley, Annie</u>	1933–2011 <sup>[60]</sup>	<u>Computer scientist</u>	Work at the <u>Lewis Research Center of the National Aeronautics and Space Administration</u> and its predecessor, the <u>National Advisory Committee for Aeronautics</u>	[61][62]
<u>Ellis, Clarence "Skip"</u>	1943–	<u>Computer scientist</u>	First African American with a PhD in computer science; software inventor including OfficeTalk at <u>Xerox PARC</u>	[63][64]
<u>Ezerioha, Bisi</u>	1972–	<u>Automotive engineer</u>	Drag racing engineer and driver	
<u>Ferguson, Lloyd Noel</u>	1918–2011	<u>Chemist, educator</u>	Chemistry doctorate, first received (1943, <u>University of California, Berkeley</u> )	[65][66][67]

<u>Fryer, Roland G., Jr.</u>	1977–	<u>Economist, social scientist, statistician</u>	Inequality studies	
<u>Gates, Sylvester James</u>	1950–	<u>Theoretical physicist</u>	Work on <u>supersymmetry</u> , <u>supergravity</u> , and <u>superstring theory</u>	[68][69]
<u>Goode, Sarah E.</u>	1855–1905	Inventor	Cabinet bed invention; first African-American woman to receive a patent in the United States	[70][71]
<u>Gilbert, Juan E.</u>	1969–	<u>Computer scientist</u>	Awarded the first Presidential Endowed Chair at <u>Clemson University</u> in honor of his accomplishments	
<u>Grant, George F.</u>	1846–1910	Dentist, professor	The first African-American professor at <u>Harvard</u> , <u>Boston</u> dentist, and inventor of a wooden <u>golf tee</u> .	[72]
<u>Graves, Joseph L.</u>	1955–	<u>Evolutionary biologist</u>		[73][74][75]
<u>Green, Lisa</u>		<u>Linguist</u>	Specializes in syntax and the study of African American English	
<u>Greenaugh, Kevin</u>	1956–	<u>Nuclear engineer</u>		[76]
<u>Griffin, Bessie Blount</u>	1914–2009	<u>Physical therapist, inventor</u>	<u>Amputee</u> self-feeding device	[77][78]
<u>Hall, Lloyd</u>	1894–1971	<u>Chemist</u>		
<u>Harris, James A.</u>	1932–2000		Co-discovered <u>Rutherfordium</u> (element 104) and <u>Dubnium</u> (element 105) at <u>Lawrence Livermore Laboratory</u>	[79]
<u>Hawkins, Walter Lincoln</u>	1911–1992	Scientist	Inventor at <u>Bell Laboratories</u>	[80]
<u>Hodge, John E.</u>	1914–1996	<u>Chemist</u>		
<u>Holley, Kerrie</u>	1954–	Research computer scientist at <u>IBM</u>	Co-creator of <u>Service-Oriented Modeling and Architecture</u> , <u>SOMA</u> and the <u>Service Integration Maturity Model (SIMM)</u>	
<u>Jackson, John W</u>	1953–2007	Electrical Engineer, inventor	Co-inventor of imaging x-ray spectrometer.	
<u>Jackson, Mary</u>	1921–2005	Mathematician, Aerospace engineer	NASA's first black female engineer	
<u>Jackson, Dr. Shirley</u>	1946–	Physicist	Helped develop technologies leading to the invention of the touch-tone telephone, portable fax, solar cells, fiber optic cables, and the technology enabling caller ID and call waiting. However, in	[46][82]

			a recent article from MIT, there is no evidence that she helped to develop these technologies. <sup>[81]</sup>	
<u>Jarvis, Erich</u>	19xx–	Neurobiologist	<u>Duke University neuroscience bird songs studies</u>	[83][84][85]
<u>Jennings, Thomas L.</u>	1791 – 1856	Inventor	First African American to be granted a patent (for a dry cleaning process called dry scouring)	[86]
<u>Johnson, Isaac</u>	18xx– ?	Inventor	Held patent for improvements to the bicycle frame, specifically so it could be taken apart for compact storage	[87]
<u>Johnson, Lonnie</u>	1949–	Mechanical engineer, nuclear engineer, inventor	Invented <u>Super Soaker</u> while researching thermal energy transfer engines; worked with <u>NASA</u> ; holder of over 80 patents	[4][88][89][90]
<u>Isola, Oluwabusuyi</u>	1965–	Professor, <u>International Finance</u> , inventor	Invented <u>Double Sided Guitar</u>	
<u>Johnson, Katherine</u>	1918–	Physicist, mathematician	Made contributions to the United States' aeronautics and space programs with the early application of digital electronic computers at NASA.	
<u>Jones, Frederick McKinley</u>	1893– 1961	Inventor	Invented refrigerated truck systems	[91]
<u>Julian, Percy</u>	1899– 1975	<u>Chemist</u>	First to synthesize the natural product <u>physostigmine</u> ; earned 130 chemical patents; lauded for humanitarian achievements	[92][93][94][95]
<u>Just, Ernest</u>	1883– 1941	Woods Hole Marine Biology Institute <u>biologist</u>	Provided basic and initial descriptions of the structure–function–property relationship of the plasma membrane of biological cells	[96][97][98]
<u>Kittles, Rick</u>	1967–	<u>Geneticist</u>	Work in tracing the ancestry of African Americans via <u>DNA testing</u>	[99][100]
<u>Kountz, Samuel L.</u>	1930– 1981	Transplant surgeon, researcher	Organ transplantation pioneer, particularly renal transplant research and surgery; author or co-author of 172 articles in scientific publications	[101][102][103][104]
<u>Latimer, Lewis</u>	1848– 1928	Inventor, draftsman, expert witness	Worked as a draftsman for both Alexander Graham Bell and Thomas Edison; became a member of Edison's Pioneers and served as an expert witness in many light	[105][106][107][108]

			bulb litigation lawsuits; said to have invented the water closet	
<u>Lawson, Jerry</u>	1940–2011	<u>Computer engineer</u>	Designer of Fairchild Channel F, the first programmable ROM cartridge-based video game console	[109][110]
<u>Lee, Raphael Carl</u>	1949–	Surgeon, <u>biomedical engineer</u>	Paul and Aileen Russell Professor, Pritzker School of Medicine; MacArthur Fellow, Searle Scholar, founder and chairman, Avocet Polymer Technologies, Inc.; founder and chairman, Renacyte BioMolecular Technologies, Inc; discovered use of surfactant copolymers as molecular chaperones to augment endogenous injury repair mechanisms of living cells; holder of many patents covering scar treatment therapies, tissue engineered ligaments, brain trauma therapies, and protective garments	
<u>Lynk, Beebe Steven</u>	1872–1948	<u>Chemist</u>	Teacher at West Tennessee University	
<u>Mahoney, Mary</u>	1845–1926	Nurse	First African American to study and work as a professionally trained nurse in the United States <sup>[111]</sup>	
<u>Matzeliger, Jan</u>	1852–1889	Inventor	Shoe assembly Machine	[112][113]
<u>McBay, Henry</u>	1914–1995	<u>Chemist</u>	His discoveries allowed chemists around the world to create inexpensive peroxide compounds	[114][115]
<u>McCoy, Elijah</u>	1844–1929	Inventor	Invented a version of the automatic lubricator for steam engines, McCoy learned a great deal of his skills from a mechanical apprenticeship when he was age fifteen .	[116][117]
<u>McLurkin, James</u>	1972–	<u>Robotist</u>		[118]
<u>McWhorter, John</u>	1965–	<u>Linguist</u>	Specializes in the study of creole language formation	
<u>Montgomery, Benjamin</u>	1819–1877	Inventor	Designed a steam operated propeller to provide propulsion to boats in shallow water	
<u>Moore, Willie Hobbs</u>	1934–1994	Physicist	First African American woman to earn a PhD in Physics (University of Michigan Ann Arbor 1972) on	[119]

			vibrational analysis of secondary chlorides	
<u>Morgan, Garrett</u>	1877–1963	Inventor	Invented an early version of a gas mask called a smoke hood, and created the first traffic light that included a third "warning" position which is standard today. Morgan also developed a chemical that was used in hair products for hair-straightening.	[120][121]
<u>Mensah, Thomas</u>	1950-	Inventor		
<u>Miles, Alexander</u>	1838–1918	Inventor	Invented electric elevator doors that automatically open and close	[122]
<u>Nmezi, Murphy</u>	1955–	Physician/biostatistician	Advances in path analysis and structural equation modeling	
<u>Nriagu, Jerome</u>	1944–	Geochemist	Studies toxic metals in the environment; supporter of the lead poisoning thesis of the decline of the Roman Empire	
<u>Ogbu, John Uzo</u>	1939–2003	Anthropologist	Ethnic studies in education and economics	[123][124]
<u>Olukotun, Kunle</u>	19xx–	Computer scientist	Early advocate and researcher of multi-core processors	
<u>Oyekan, Soni</u>	1946–	Chemical engineer	Inventions in oil refining	
<u>Parker, Alice H.</u>	1895–	Inventor	Furnace for Central Heating	
<u>Poindexter, Hildrus</u>	1901–1987	Bacteriologist, epidemiologist	Work on the epidemiology of tropical diseases, including malaria	
<u>Petters, Arlie</u>	1964–	Physicist	Work on the mathematical physics of gravitational lensing	
<u>Quarterman, Lloyd Albert</u>	1918–1982	Scientist, fluoride chemist	Manhattan Project, worked with Albert Einstein and Enrico Fermi	
<u>Renfroe, Earl</u>	1907–2000	Orthodontist		[125][126]
<u>Rillieux, Norbert</u>	1806–1894	Engineer, inventor	Inventor of the multiple-effect evaporator	[127]
<u>Robinson, Larry</u>	1957–	Environmental chemist	Investigated possible role of arsenic in the death of Zachary Taylor; interim president of Florida A&M University	
<u>Ross, Archia</u>	Turn of 20th century	Inventor	A runner for stoops (1896), bag closure device (1898), a wrinkle-preventing trouser stretcher (1899), a garment-	[128][129][130][131][132]

			hanger (1903), and a holder for <u>brooms</u> and like articles.	
<u>Russell, Jesse</u>	1948–	Engineer, inventor	<u>Wireless communications engineer</u>	
<u>Sammons, Walter</u>	1890–1973	Inventor	Patent for <u>hot comb</u>	[133]
<u>Sowell, Thomas</u>	1930–	Economist, <u>social scientist</u>	Economist, social theorist and political philosopher	[134][135][136][137]
<u>Steele, Claude</u>	1946–	<u>Psychologist, social scientist</u>	<u>Stereotype threat studies</u>	
<u>Stiff, Lee</u>	1941–	Mathematician	President of the <u>National Council of Teachers of Mathematics</u> from 2000 to 2002	[138]
<u>Snyder, Window</u>	1976–	<u>Computer engineer</u>	Security engineer at <u>Microsoft, Mozilla, and Apple</u>	
<u>Temple, Lewis</u>	1800–1854	Inventor, blacksmith, <u>abolitionist</u>	Inventor of the toggling whaling harpoon head	[139]
<u>Thomas, Vivien</u>	1910–1985	<u>Surgical technician</u>	Blue baby syndrome treatment in the 1940s	[140][141][142]
<u>Turner, Charles Henry</u>	1867–1923	<u>Zoologist</u>	First person to prove that insects can hear and can distinguish pitch, that cockroaches can learn by trial and error, and that honeybees can see color; first African-American to receive a PhD from the <u>University of Chicago</u>	[143]
<u>Tyree, G. Bernadette</u>	19xx–	<u>Biochemist</u>	Program Director, Division of Musculoskeletal Diseases, at National Institute of Arthritis and Musculoskeletal and Skin Diseases, National Institutes of Health	[144]
<u>Tyson, Neil deGrasse</u>	1958–	<u>Astronomer</u>	Researcher and popular educator in astronomy and the sciences	[145][146][147]
<u>Vaughan, Dorothy</u>	1910–2008	Mathematician	Worked for <u>NACA and NASA</u> at <u>Langley Research Center</u>	
<u>Valerino, Powtawche</u>	1980	Engineer	Worked for <u>JPL and NASA</u> at <u>Langley Research Center</u>	
<u>Walker, Arthur B. C., Jr.</u>	1936–2001	<u>Astronomer</u>	Developed <u>normal incidence multilayer XUV telescopes</u> to photograph the solar <u>corona</u>	[148][149][150]
<u>Walker, C. J.</u>	1867–1919	Inventor	Created black cosmetic products	[151]
<u>Washington, Warren M.</u>	1936–	<u>Atmospheric scientist</u>	Former chair of the <u>National Science Board</u>	[152][153][154][155]
<u>West, James E.</u>	1931–	<u>Acoustician, inventor</u>	Co-developed the <u>foil electret microphone</u>	[156][157][158]
<u>Wilkins, J. Ernest, Jr.</u>	1923–2011	Mathematician, engineer, <u>nuclear</u>	Entered <u>University of Chicago</u> at age 13; PhD at	[159][160][161]

		<u>scientist</u>	19; worked on the <u>Manhattan Project</u> ; wrote over 100 scientific papers; helped recruit minorities into the sciences	
<u>Williams, Daniel</u>	1856–1931	Surgeon	The first black person on record to have successfully performed pericardium (the sac surrounding the heart) surgery to repair a wound.	[162]
<u>Williams, Scott W.</u>	1943–	Mathematician		
<u>Williams, Walter E.</u>	1936–	Economist, <u>social scientist</u>		[163][164][165]
<u>Woods, Granville</u>	1856–1910	Inventor	Invented the synchronous multiplex railway telegraph	[166]
<u>Wright, Jane C.</u>	1919–2013	Cancer research and surgeon	Noted for her contributions to chemotherapy and for pioneering the use of the drug <u>methotrexate</u> to treat breast cancer and skin cancer	
<u>Wright, Louis T.</u>	1891–1952	Surgeon	Led team that first used <u>Aureomycin</u> as a treatment on humans	[167][168][169]
<u>Young, Roger Arliner</u>	1899–1964	<u>Zoologist</u>	First African-American woman to receive a doctorate degree in zoology	[170][171]

## See also

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- Lists of African Americans
- List of inventors
- History of United States patent law
- Lemelson–MIT Prize
- NASA spinoff
- National Inventors Hall of Fame
- Science and technology in the United States
- Technological and industrial history of the United States
- Timeline of United States discoveries
- Timeline of United States inventions
- United States patent law
- United States Patent and Trademark Office
- Yankee ingenuity
- African American women in computer science
- African-American women in medicine
- List of African-American women in STEM fields
- List of African-American mathematicians
- List of African scientists, inventors, and scholars
- African-American dance

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## External links

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- The Faces of Science: African Americans in the Sciences (<https://webfiles.uci.edu/mcbrown/display/faces.html>)
  - The Black Inventor Online Museum (<http://www.blackinventor.com>)
  - LittleAfrica.com website (<http://www.littleafrica.com/resources/inventors.htm>)
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