



Ruthie D. Lyle, Ph.D.

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Cloud Computing
IBM Corporation

2010 Women of Color STEM Technical Innovation Award



Dr. Ruthie Lyle is the top black female inventor in the United States. Her contributions span technologies including smarter planet, green technologies, collaborative software, pervasive technologies and virtual worlds. Over eight years, she has accumulated over 65 patents and more than one hundred and forty patent applications at the U.S. Patent and Trademark Office. Additionally she has ninety plus invention publications featured on IP.COM. Since joining IBM as a hardware engineer in 1999, Lyle has submitted over 375 patent disclosure submissions covering hardware and software inventions. She defined and delivered a 1st Time Inventor Program that helped others capture their ideas and provides value to IBM. Intellectual property licensing is a significant business for IBM, with over \$1 billion in annual licensing revenue. She earned a bachelor's in electrical engineering from Northeastern University in 1992. Two years later she received a master's degree in electrophysics at Polytechnic University. In 1998, she was awarded a doctorate in electrical engineering at Polytechnic University with the special distinction of being the first Black female to earn the degree since the inception of Polytechnic University in 1854. Dr. Lyle has also completed two marathon races, over five half marathons, multiple 10K races and 5K too.