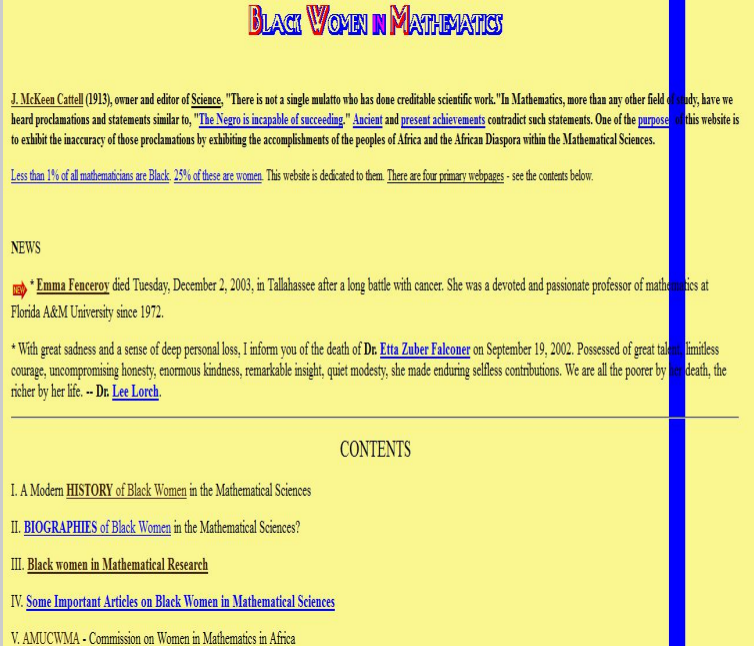


## Home Page



**BLACK WOMEN IN MATHEMATICS**

J. McKeen Cattell (1913), owner and editor of *Science*, "There is not a single mulatto who has done creditable scientific work." In Mathematics, more than any other field of study, have we heard proclamations and statements similar to, "The Negro is incapable of succeeding." Ancient and present achievements contradict such statements. One of the purposes of this website is to exhibit the inaccuracy of those proclamations by exhibiting the accomplishments of the peoples of Africa and the African Diaspora within the Mathematical Sciences.

Less than 1% of all mathematicians are Black. 25% of these are women. This website is dedicated to them. There are four primary webpages - see the contents below.

NEWS

\* [Emma Fenceroy](#) died Tuesday, December 2, 2003, in Tallahassee after a long battle with cancer. She was a devoted and passionate professor of mathematics at Florida A&M University since 1972.

\* With great sadness and a sense of deep personal loss, I inform you of the death of [Dr. Etta Zuber Falconer](#) on September 19, 2002. Possessed of great talent, limitless courage, uncompromising honesty, enormous kindness, remarkable insight, quiet modesty, she made enduring selfless contributions. We are all the poorer by her death, the richer by her life. -- [Dr. Lee Lorch](#).

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CONTENTS

I. A Modern [HISTORY](#) of Black Women in the Mathematical Sciences

II. [BIOGRAPHIES](#) of Black Women in the Mathematical Sciences?

III. [Black women in Mathematical Research](#)

IV. [Some Important Articles on Black Women in Mathematical Sciences](#)

V. [AMUCWMA](#) - Commission on Women in Mathematics in Africa

## Logo



## URL

<http://www.math.buffalo.edu/mad/wmad0.html>

## Subject

Africa-Women-Mathematicians-Biography - Dictionaries

## Accessibility

Free

## Language

English

## Publisher

bonvibre & daughters

## Brief History

Published in the year 1999.

## Scope and Coverage

This Biographical dictionary covers the following areas:

- A Modern history of black women in the Mathematical Sciences
- Biographies of black women in the Mathematical Sciences.
- Black women in Mathematical Research
- Some important articles on black women in Mathematical Sciences
- Information on the AMUCWMA - Commission on Women in Mathematics in Africa
- Women in Mathematics
- Statistics on Women in Mathematics


There are over 1800 files in MAD (Mathematicians of the African Diaspora), nearly half of which are web pages like Physicist of the African Diaspora, Astronomers of African Diaspora etc.

### ***Kind of Information***

By reaching an entry in this dictionary, one will find a person's short biography alongwith their photo, date and place of birth, pre doctoral and post doctoral qualification, personal URL, email, area of research, publications etc. Links to webpages and reference relevant to the person is also provided in the record.

**BLACK WOMEN IN MATHEMATICS**

Etta Zuber Falconer



1997

**Born:** 1935, Birthplace: Tupelo, Mississippi

**Died:** September 18, 2002, [obituary](#)

**yo-hw-ndw-ndw:** A.B. in mathematics from Fisk University in 1955, M.S. at the University of Wisconsin in 1954.

**terminal-ndw:** Ph.D. (1969) at Emory University

**thesis:** Quasigroup identities invariant under topology admission; Terza Evans

**Area of Research Interests:** Algebra, non-associative systems

In 2001, Dr. Falconer retired as Calvary Professor of Mathematics and Associate Provost for Science Programs and Policy, Spelman College.

Etta Falconer was born in Tupelo, Mississippi as Etta Zuber, the second of two children (an older sister Alice) born to Dr. Walter A. Zuber, a physician and Mrs. Zuber L. Montgomery Zuber, a musician who had attended Spelman College. She attended public schools in Tupelo, graduating from George Washington High School in 1949. She attended Fisk University, graduating summa cum laude with a major in mathematics and a minor in chemistry (1953). She was also inducted into Phi Beta Kappa. Immediately following graduation from college, she attended the University of Wisconsin at Madison where she earned the B.S. degree in Mathematics (1954).

"Can you imagine what it was like for a 19 year old Black female from Tupelo, Missippi who had been immersed in segregation for all her life to attend the University of Wisconsin? I underwent a major culture shock... I gravitated to students from Africa, a coonate from Thailand, and an office-mate from India, who was the only person to whom I could ask a mathematics question."

Dr. Falconer was taught and inspired by [Tichon David Gerasimov](#) and [Lee J. Leitch](#). She has said (1995), "My entire career has been devoted to increasing the number of African American women in mathematics and mathematics-related careers."

Etta Zuber began her teaching career in 1954 at Okolona Junior College in Okolona, Mississippi where she remained until 1963. High School in Chattanooga, TN. While working at Okona Junior College, Etta met and married Dolan Falconer.

### *Special Features*

- ❖ Mathematics of African Diaspora link provides access to concepts and information related to the theme of the dictionary. The MAD search page has people glossary that can be explored both by profession or by the initial of surname.
- ❖ Mathematics of African Diaspora page has the links to Conference for African and American researchers in mathematical sciences, Biographies of greatest black mathematician, black research mathematician and their books, the ancient historical overview of African countries, AMUCHMA Online ( History of Mathematics in Africa News letter), 50 special articles posters and exhibition, journals, job openings, recent deaths in the field of mathematics, statistics of black mathematician among US mathematician, phd holders from the year 1999 to 2005 and much more
- ❖ Access to the references of the ancient and modern Mathematics such as Algebra of Egypt, simple, simultaneous equation of Egypt etc.
- ❖ Contact page for the creator and maintainer of the site Dr Scott W. Williams.
- ❖ Link to the Department of Mathematics, The State University of New York at Buffalo, the University that brought this web page to the users.
- ❖ Best mathematical journals' names are provided and link of such is appeared in the page of History of Black Women in Mathematics.
- ❖ Mathematician outside North American are also listed here.

### *Arrangement Pattern*

Biographies are arranged alphabetically by the last name. Below is a screenshot of the said arrangement

<a href="#">Beverly Anderson</a> <sup>E</sup>	<a href="#">Lillian K. Bradley</a> <sup>E</sup>	<a href="#">Janice E.</a>
<a href="#">Patty Anthony</a>	<a href="#">Therese Harce Braithwaite</a> <sup>E</sup>	<a href="#">Suzanne</a>
<a href="#">Prince W. Armstrong</a> <sup>E</sup>	<a href="#">Loretta Braxton</a> <sup>E</sup>	<a href="#">Debra Ct</a>
<a href="#">Shermane Austin</a> <sup>CS</sup>	<a href="#">Martha A. Brown</a> <sup>E</sup>	<a href="#">Geraldin</a>
<a href="#">Elayne Arrington</a>	<a href="#">Marjorie Lee Browne</a>	<a href="#">Gelonja J</a>
<a href="#">Stella Ashford</a>	<a href="#">Shea Burns</a>	<a href="#">Salimato</a>
<a href="#">Kim Woodson Barnette</a>	<a href="#">Naomi Cameron</a>	<a href="#">Afi Harr</a>
<a href="#">Patricia Wright Beaulieu</a>	<a href="#">Lucy J. Campbell</a>	<a href="#">Mary Ha</a>
<a href="#">Della Bell</a>	<a href="#">Marian Palmer Caps</a>	<a href="#">Mary Sy</a>
<a href="#">Constance G. Bland</a> <sup>CS</sup>	<a href="#">Danielle Carr</a>	<a href="#">Annie J.</a>
<a href="#">Kbenesh W. Blayneh</a>	<a href="#">Janylle L. Carter</a>	<a href="#">Teresa E.</a>
<a href="#">Sylvia T. Bozeman</a>	<a href="#">Paulette Ceesay</a>	<a href="#">Etta Z. F</a>
	<a href="#">Micheale F. Chappell</a> <sup>E</sup>	<a href="#">Emma F</a>

Through the [Mathematicians of the African Diaspora](#) page link to the US black Mathematicians are found. It is indexed by their PhD year as shown below:

<i>Mathematicians of the African Diaspora</i>			
US* Black Mathematician index by year			
<small>NOTE: 1925 is the first year of an African American Ph.D. in Mathematics 1943 is the first year for an African American Woman</small>			
<a href="#">2005 to 2009</a>	<a href="#">2000 to 2004</a>	<a href="#">1995 to 1999</a>	
<a href="#">1985 to 1989</a>	<a href="#">1980 to 1984</a>	<a href="#">1975 to 1979</a>	
<a href="#">1960 to 1969</a>	<a href="#">1950 to 1959</a>	<a href="#">1925 to 1949</a>	

### Remarks

This is a good reference source with large coverage of black mathematician. One can gain a good overview of the achievements of the black women in the domain of Mathematics. A very useful source of reserach.

### Comparable Tools

- [Biographies of Women Mathematician](#)  
(<https://www.agnesscott.edu/lriddle/women/women.htm>)

### Date of Access

July 21, 2016

