

Underachievement and Underrepresentation of Black Students in Mathematics: A Categorized List of References

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For the past twenty years there has been a growing concern for the underachievement and underrepresentation of Black students in mathematics. Much of the concern can be attributed to goals of the United States educational system designed to meet the social challenges of an industrial age: (1) mathematically literate workers, (2) lifelong learning, (3) opportunity for all and (4) an informed electorate (National Council of Teachers of Mathematics, 1989). Other reasons for the growing interest in the plight of Black students in mathematics are: (1) national security (military and economic), (2) lack of Black mathematics teachers, (3) underrepresentation of Blacks in mathematically

related fields and (4) low mathematical achievement scores of Blacks compared to Whites on some national tests such as the National Assessment of Educational Progress (Mathematical Science Education Board, 1989; National Research Council, 1989; Stanic, 1984).

As a result of the growing concern for the underachievement and underrepresentation of Black students in mathematics, a categorized list of references has been compiled. This list contains articles and books which address the aforementioned problems and related issues.

Achievement

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Cognitive Style

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Equity vs. Equality

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Nature vs. Nurture

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Upcoming Conferences

1990

- August 31-September 1** Tokyo History of Mathematics Symposium, Tokyo, Japan
- October 5-6** Third Biannual Conference on Math History, La Crosse, WI
- October 11-13** School Science and Mathematics Annual Meeting, Cincinnati, OH
- October 11-13** National Council of Teachers of Mathematics Regional Conference, Madison, WI
- October 18-20** Georgia Council of Teachers of Mathematics Annual Meeting, Rock Eagle, GA
- October 18-20** National Council of Teachers of Mathematics Regional Conference, Parsippany, NJ
- October 18-21** American Mathematical Association of Two-Year Colleges, Sixteenth Annual Convention, Dallas, TX
- October 25-27** National Council of Teachers of Mathematics Regional Conference, Calgary, Alberta
- November 11-3** National Council of Teachers of Mathematics Regional Conference, Wichita, KA
- November 8-10** National Council of Teachers of Mathematics Regional Conference, Memphis, TN

1991

- January 16-19** American Mathematical Society and the Mathematical Association of America Annual Meeting, San Francisco, CA
- April 3-7** American Educational Research Association Annual Meeting, Chicago, IL
- April 17-20** National Council of Teachers of Mathematics Annual Meeting, New Orleans, LA
- July 1-3** Bicentennial Conference on Computing, London, England
- August 3-7** Eighth Interamerican Conference on Mathematics Education, Coral Gables, FL