

BIBLIOGRAPHY

- Allen, Q. (2015). “I’m trying to get my A”: Black male achievers talk about race, school and achievement. *The Urban Review*, 47(1), 209–231.
- Anderson, J. D. (1988). *The education of Blacks in the South, 1860–1935*. Chapel Hill, NC: The University of North Carolina Press.
- André-Bechely, L. (2005). *Could it be otherwise? Parents and the inequities of public-school choice*. New York, NY: Routledge.
- Appiah, K. A. (2005). *The ethics of identity*. Princeton, NJ: Princeton University Press.
- Baldwin, J. (1997). If black English isn’t a language, then tell me, what is? *The Black Scholar*, 27(1), 5–6. doi:10.1080/00064246.1997.11430831
- Bart, P. (2020, November). Donald Trump stole the Reagan strategy & slogan but failed to make his presidency great again, Peter Bart. Deadline.com.
- Berry, III, Robert, Q., Thunder, K., & McClain, O. L. (2011). Counter narratives: Examining the mathematics and racial identities of black boys who are successful with school mathematics. *Journal of African American Males in Education*, 2(1), 10–23.
- Bidwell, A. (2015, May). *African American men: The other STEM minority, US news and world report*. usnews.com. Retrieved from <https://www.usnews.com/news/stem-solutions/articles/2015/05/07/african-american-men-the-other-stem-minority>
- Billings, G. L. (1997). It doesn’t add up: African American students’ mathematics achievement. *Journal for Research in Mathematics education*, 28(6), 697–708.
- Bonilla-Silva, E. (1997). Rethinking racism: Toward a structural interpretation. *American Sociological Review*, 465–480.
- Bonilla-Silva, E. (2006). *Racism without racists: Color-blind racism and the persistence of racial inequality in the United States*. Lanham, MD: Rowman & Littlefield Publishers.

- Bourdieu, P. (2011). The forms of capital. (1986). In I. Szeman & T. Kaposy (Eds.), *Cultural theory: An anthology* (pp. 81–93). Malden, MA: Wiley-Blackwell.
- Bronfenbrenner, U. (1977). Toward an experimental ecology of human development. *American Psychologist*, 32, 513–531. doi:10.1037/0003-066X.32.7.513
- Bronfenbrenner, U. (1979). *The ecology of human development: Experiments by nature and design*. Cambridge, MA: Harvard University Press.
- Bronfenbrenner, U. (1989). Youthful designs for research on aging: A response to Lawton's theoretical challenge. In K. W. Schaie & C. Schooler (Eds.), *Social structure and aging: Psychological processes* (pp. 85–93). Hillsdale, NJ: Erlbaum.
- Bronfenbrenner, U. (1994). Ecological models of human development. *Readings on the Development of Children*, 2, 37–43. Retrieved from <http://www.psy.cmu.edu/~sieglar/35bronfenbrenner94.pdf>
- Bronfenbrenner, U. (2005). *Making human beings human: Bioecological perspectives on human development*. Thousand Oaks, CA: Sage Publications.
- Bronfenbrenner, U., & Evans, G. W. (2000). Developmental science in the 21st century: Emerging questions, theoretical models, research designs and empirical findings. *Social Development*, 9(1), 115–125. Retrieved from <http://onlinelibrary.wiley.com/doi/10.1111/1467-9507.00114/full>
- Bronfenbrenner, U., & Morris, P. A. (2006). The bioecological model of human development. In W. Damon & R. M. Lerner (Eds.), *Handbook of child psychology, v.1: Theoretical models of human development* (6th ed., pp. 793–828). New York, NY: Wiley & Sons.
- Chen, S., Boucher, H. C., & Tapias, M. P. (2006). The relational self-revealed: Integrative conceptualization and implications for interpersonal life. *Psychological Bulletin*, 132(2), 151.
- Clark, L., Badertscher, E., & Napp, C. (2013). African American mathematics teachers as agents in their African American students' mathematics identity formation. *Teachers College Record*, 115(2), 1–36.
- Creswell, J. W. (2013). *Qualitative inquiry and research design: Choosing among five approaches*. Los Angeles, CA: SAGE Publications.
- Cullingford, C. (2006). Children's own vision of schooling. *Education*, 34(3), 211–221.

Darling-Hammond, L. (2000). Teacher quality and student achievement. *Education Policy Analysis Archives*, 8, 1.

Darling-Hammond, L. (2004). Inequality and the right to learn: Access to qualified teachers in California's public schools. *Teachers College Record*, 106(10), 1936–1966.

Darling-Hammond, L. (2007). Race, inequality and educational accountability: The irony of 'No Child Left Behind'. *Race, Ethnicity and Education*, 10(3), 245–260.

De Corte, E., Greer, B., & Verschaffel, L. (1996). Mathematics teaching and learning. In D. C. Berliner & R. C. Calfee (Eds.), *Handbook of educational psychology* (pp. 491–549). New York; London: Macmillan Library Reference Usa; Prentice Hall International.

Delgado, R., & Stefancic, J. (2001). *Critical race theory: An introduction*. New York, NY: New York University Press.

Emdin, C. (2011). Dimensions of communication in urban science education: Interactions and transactions. *Science Education*, 95(1), 1–20.

Fisher, E. (2014). *Educating the urban race: The evolution of an American high school*. Lanham, MD: Lexington Books.

Garrett, J. L. (2008). STEM: The 21st century sputnik. *Kappa Delta Pi Record*, 44(4), 152–153. doi:[10.1080/00228958.2008.10516514](https://doi.org/10.1080/00228958.2008.10516514)

Gay, G. (2000). *Culturally responsive teaching: Theory, practice and research*. New York, NY: Teachers College Press.

Gee, J. P. (2000). Identity as an analytic lens for research in education. *Review of Research in Education*, 25(1), 99–125.

Grossman, P. L., & Stodolsky, S. S. (1995). Content as context: The role of school subjects in secondary school teaching. *Educational Researcher*, 24(8), 5–23.

Guiton, G., & Oakes, J. (1995). Opportunity to learn and conceptions of educational equality. *Educational Evaluation & Policy Analysis*, 17, 323–336.

Hancock, D. R., & Algozzine, B. (2015). *Doing case study research: A practical guide for beginning researchers*. New York, NY: Teachers College Press.

- Harper, S. R., & Davis, C. H. F., III. (2012). They (don't) care about education: A counternarrative on black male students' responses to inequitable schooling. *The Journal of Educational Foundations*, 26(1/2), 103.
- Harris, A. L., & Marsh, K. (2010). Is a raceless identity an effective strategy for academic success among Blacks?. *Social Science Quarterly*, 91(5), 1242–1263.
- Howard, T. C. (2013). How does it feel to be a problem? Black male students, schools, and learning in enhancing the knowledge base to disrupt deficit frameworks. *Review of Research in Education*, 37(1), 54–86.
- Howard, T. C., & Reynolds, R. (2013). Examining Black male identity through a raced, classed, and gendered lens: Critical race theory and the intersectionality of the Black male experience. In *Handbook of critical race theory in education* (pp. 252–267). New York, NY: Routledge.
- Jett, C. C. (2011). “I once was lost, but now am found” the mathematics journey of an African American male mathematics doctoral student. *Journal of Black Studies*, 42(7), 1125–1147.
- Kane, J. M. (2012). Young African American children constructing academic and disciplinary identities in an urban science classroom. *Science Education*, 96(3), 457–487.
- Kena, G., Aud, S., Johnson, F., Wang, X., Zhang, J., Rathbun, A., ... Kristapovich, P. (2014). The condition of education 2014. NCES 2014-083. National Center for Education Statistics.
- Klein, A. (2017, March). What would Trump's proposed cut to teacher funding mean for schools. Edweek.org.
- Ladson-Billings, G. (2006). From the achievement gap to the education debt: Understanding achievement in U.S. schools. *Educational Researcher*, 35(7), 3–12. Retrieved from <http://www.jstor.org/stable/3876731>. Accessed on April 30, 2021.
- Ladson-Billings, G. (1995). But that's just good teaching! The case for culturally relevant pedagogy. *Theory into practice*, 34(3), 159–165.
- Lankford, H., Loeb, S., & Wyckoff, J. (2002). Teacher sorting and the plight of urban schools: A descriptive analysis. *Educational Evaluation and Policy Analysis*, 24(1), 37–62.
- Lee, J., & Zhou, M. (2015). *The Asian American Achievement paradox*. New York, NY: Russell Sage Foundation.

Leonard, J., Brooks, W., Barnes-Johnson, J., & Berry, R. Q. (2010). The nuances and complexities of teaching mathematics for cultural relevance and social justice. *Journal of Teacher Education*, 61(3), 261–270.

Lortie, D. C. (1975). *Schoolteacher: A sociological study*. Chicago, IL: University of Chicago Press.

Maple, S. A., & Stage, F. K. (1991). Influences on the choice of math/science major by gender and ethnicity. *American Educational Research Journal*, 28(1), 37–60.

Martin, D. B. (2000). *Mathematics success and failure among African-American youth: The roles of sociohistorical context, community forces, school influence, and individual agency*. New York, NY: Routledge.

Martin, D. B. (Ed.). (2010). *Mathematics teaching, learning, and liberation in the lives of Black children*. New York, NY: Routledge.

Martin, D. B. (2012). Learning mathematics while Black. *Educational Foundations*, 26, 47–66.

McAdams, D. P. (2001). The psychology of life stories. *Review of General Psychology*, 5(2), 100.

McClain, O. L. (2014). Negotiating identity: A look at the educational experiences of Black undergraduates in STEM disciplines. *Peabody Journal of Education*, 89(3), 380–392.

McDonnell, L. M. (1995). Opportunity to learn as a research concept and a policy instrument. *Educational Evaluation and Policy Analysis*, 17(3), 305–322. doi:[10.3102/01623737017003305](https://doi.org/10.3102/01623737017003305)

McGee, E. O. (2014). When it comes to the mathematics experiences of Black preservice teachers... Race matters. *Teachers College Record*, 116, 060308.

McGee, E. O., & Pearman, F. A. (2014). Risk and protective factors in mathematically talented black male students snapshots from kindergarten through eighth grade. *Urban Education*, 49(4), 363–393.

Mensah, F. M. (2010). Toward the mark of empowering policies in elementary school science programs and teacher professional development. *Cultural Studies of Science Education*, 5(4), 977–983.

Mewborn, D. S., & Tyminski, A. M. (2006). Lortie's apprenticeship of observation revisited. *For the Learning of Mathematics*, 26(3), 23–32.

- Miles, M. B., Huberman, A. M., & Saldana, J. (2013). *Qualitative data analysis: A methods sourcebook*. Thousand Oaks, CA: SAGE Publications, Incorporated.
- Miller, J. D., & Pearson, W., Jr. (2012). Pathways to STEM professions for students from noncollege homes. *Peabody Journal of Education*, 87(1), 114–132. doi:[10.1080/0161956X.2012.642277](https://doi.org/10.1080/0161956X.2012.642277)
- Milner, H. R., Pabon, A., Woodson, A., & McGee, E. (2013). Teacher education and black male students in the United States. *Multidisciplinary Journal of Educational Research*, 3(3), 235–265.
- Montandon, C., & Osiek, F. (1998). Children's perspectives on their education. *Childhood*, 5(3), 247–263. doi:[10.1177/0907568298005003002](https://doi.org/10.1177/0907568298005003002)
- National Center for Education Statistics. (2013). Status and trends in the education of racial and ethnic minorities. National Center for Education Statistics.
- National Science Foundation. (2014). Science and engineering indicators 2014. National Science Foundation.
- Noddings, N. (1988). An ethic of caring and its implications for instructional arrangements. *American Journal of Education*, 96(2), 215–230.
- Noguera, P. A. (2009). *The trouble with black boys, and other reflections on race, equity, and the future of public education*. New York, NY: Wiley.
- Oakes, J. (1990). Opportunities, achievement, and choice: Women and minority students in science and mathematics. *Review of Research in Education*, 16, 153–222.
- Oakes, J., & Lipton (2012). School structure: Sorting students and opportunities to learn. In J. Oakes, M. Lipton, L. Anderson, & J. Stillman (Eds.), *Teaching to change the world* (pp. 293–323). Boulder, CO: Paradigm Publishers.
- Paris, D. (2012). Culturally sustaining pedagogy a needed change in stance, terminology, and practice. *Educational Researcher*, 41(3), 93–97.
- Patten, D. (2016, September 29). Luke Cage' EP on Marvel series hip-hop pulse, the power of a bulletproof black man and exploding Twitter. Deadline.com. Retrieved from <https://deadline.com/2016/09/marvel-luke-cage-season-1-cheo-hodari-coker-mike-colter-netflix-1201828142/>
- Picker, S. H., & Berry, J. S. (2000). Investigating pupils' images of mathematicians. *Educational Studies in Mathematics*, 43(1), 65–94.

- Postmes, T., Spears, R., Lee, A. T., & Novak, R. J. (2005). Individuality and social influence in groups: Inductive and deductive routes to group identity. *Journal of Personality and Social Psychology*, 89(5), 747.
- Riegle-Crumb, C., & Humphries, M. (2012). Exploring bias in mathematics teachers' perceptions of students' ability by gender and race/ethnicity. *Gender & Society*. doi:10.1177/0891243211434614
- Rubin, H., & Rubin, I. (2012). *Qualitative interviewing, the art of hearing data* (3rd ed.). Los Angeles, CA: SAGE Publications.
- Saldaña, J. (2015). *The coding manual for qualitative researchers*. Los Angeles, CA: SAGE Publications.
- Schott Foundation for Public Education. (2015). *Black Lives Matter: The Schott 50 state report on public education and black males*. Retrieved from <http://www.schottfoundation.org/publications-reports/>
- Schwartz, S. J., Luyckx, K., & Vignoles, V. L. (Eds.). (2011). *Handbook of identity theory and research* (pp. 933–938). New York, NY: Springer.
- Seidman, I. (2013). *Interviewing as qualitative research: A guide for researchers in education and the social sciences*. New York, NY: Teachers College Press.
- Sheldon, S. B., & Epstein, J. L. (2005). Involvement counts: Family and community partnerships and mathematics achievement. *The Journal of Educational Research*, 98(4), 196–207. doi:10.3200/JOER.98.4
- Smith, W. A., Hung, M., & Franklin, J. D. (2011). Racial battle fatigue and the miseducation of Black men: Racial microaggressions, societal problems, and environmental stress. *The Journal of Negro Education*, 80(1), 63–82.
- Stemn, B. S. (2010). Teaching mathematics with “cultural eyes”. *Race, Gender & Class*, 154–162.
- Stinson, D. W. (2006). African American male adolescents, schooling (and mathematics): Deficiency, rejection, and achievement. *Review of Educational Research*, 76(4), 477–506.
- Stinson, D. W. (2008). Negotiating sociocultural discourses: The counter-storytelling of academically (and mathematically) successful African American male students. *American Educational Research Journal*, 45(4), 975–1010.
- Tate, W. F. (1995). School mathematics and African American students: Thinking seriously about opportunity-to-learn standards. *Educational Administration Quarterly*, 31(3), 424–448.

- Tutu, D. (1983). *Hope and suffering: Sermons and speeches*. Grand Rapids, MI: W.B. Eerdmans.
- Vagle, M. D. (2014). *Crafting phenomenological research*. Walnut Creek, CA: Left Coast Press.
- Vignoles, V. L., Schwartz, S. J., & Luyckx, K. (2011). Introduction: Toward an integrative view of identity. In S. J. Schwartz, K. Luyckx, & V. L. Vignoles (Eds.), *Handbook of identity theory and research* (pp. 1–27). New York, NY: Springer.
- Walker, V. S. (2009). Second-class integration: A historical perspective for a contemporary agenda. *Harvard Educational Review*, 79(2), 269–284.
- Wesley, H.-J. (2020, July 5). Birth of a nation Pt. 1. [Video] YouTube. Retrieved from <https://youtu.be/rCikPIDKg8M>
- Wright, B. L. (2011). K-16 and beyond: African American male student engagement in STEM disciplines. *Journal of African American Males in Education*, 2(1), 5–9.
- Yin, R. K. (2013). *Case study research: Design and methods*. London: SAGE Publications.
- Zapata, M. (2013). Substantiating the need to apply a sociocultural lens to the preparation of teachers in an effort to achieve science reform. *Cultural Studies of Science Education*, 8(4), 777–801. doi:10.1007/s11422-013-9513-8