

College of Science: Research Articles Related to Multicultural and Gender Studies

- Bala, A., & Joseph, G. G. (2007). Indigenous knowledge and Western science: The possibility of dialogue. *Race and Class*, 49, 1, 39-61.
- Dickens, W. T., & Flynn, J. R. (October 2006) Black Americans reduce the racial IQ gap: Evidence from standardization samples. *Psychological Science*, 17, 10, 913-920.
- Gutstein, E., & Lipman, P. (1997). Culturally relevant mathematics Teaching in a Mexican-American context. *Journal for Research in Mathematics Education*, 28, 6, 709-737.
- Hall, R. W. (2007). A course in multicultural mathematics. *PRIMUS*, 17, 3, 209-227.
- Hanson, S. L. (2007). Success in science among young African-American women: The role of minority families. *Journal of Family Issues*, 28, 3, 3-33.
- Harding, S. (1994). Is science multicultural? Challenges, resources, opportunities, uncertainties. *Configurations*, 2.2, 301-330.
- Hrabowski III, F. A. (December 2003). Raising minority achievement in science and math. *Educational Leadership*, 60, 4, 44-49.
- Koertge, N. (March 2000). Science and multiculturalism. Speech presented at the Institute for Liberal Studies Conference on Science and Culture at Kentucky State University.
- Lubienski, S. T. (2001). A second look at mathematics achievement gaps: Intersections of race, class and gender in NAEP data. Paper presented at the Annual Meeting of the American Educational Research Association, Seattle, Washington.

- McGraw, R. (2006). A closer look at gender in NAEP mathematics achievement and affect data: Intersections with achievement, race/ethnicity, and socioeconomic status. *Journal for Research in Mathematics Education*, 37, 2.
- Nasir, N. S., Hand, V., & Taylor, E. (2008) Culture and mathematics in school: Boundaries between “cultural” and “domain” knowledge in the mathematics classroom and beyond. *Review of Research in Education*, 32, 187-240.
- Pajkos, D., and Klein-Collins, J. (2001). Improving upper grade math achievement via the integration of a culturally responsive curriculum. Unpublished master’s thesis, St. Xavier University.
- Ladson-Billings, G. (1995). Making mathematics meaningful in multicultural contexts. In W. G. Secada, E. Fennema, & L. B. Adajian (Eds.), *New Directions for Equity in Mathematics Education* (p. 126-145). Cambridge: Cambridge University Press.
- Sleeter, C. E. (1997). Mathematics, multicultural education, and professional development. *Journal for Research in Mathematics Education*, 28, 6, 680-696.
- Sweeney, A. E. (2001). Incorporating multicultural and science-technology-society issues into science teacher education courses: Successes, challenges, and possibilities. *Journal of Science Teacher Education*, 12, 1, 1-28.
- Tate, W. F. (1997). Race-ethnicity, SES, gender, and language proficiency trends in mathematics achievement: An update. *Journal for Research in Mathematics Education*, 28, 6, 652-679.