

Racial Legacies and Learning XXVII:

Innovation, Mentoring and Society: How One Person Can Make a Difference

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Articles

Gilbert, Juan E., et al. "Culturally Relevant Game Design: A Case Study for Designing Interactive Algebra Lessons for Urban Youth." *i-manager's Journal of Educational Technology*, 5.3 (2009): 54-60.

Gilbert, Juan E. "Applications Quest: Computing Diversity." *Communications of the ACM* 49.3 (2006), 99-104.

George, Micael S., Caio Soares, and Juan E. Gilbert. "Combating Ethical Issues in University Admissions Using Technology." *i-manager's Journal of Educational Technology* 6.3 (2009): 58-63.

Book Chapters

Charleston, Lavar J., Jerlando Jackson, & Juan E. Gilbert, "Preparing the Next Generation of African American Computing Science University Faculty: Examining the Benefits of the Future Faculty/ Research Scientist Mentoring Program." *Diversity Strategies and Methodologies: A Practical Guide to Improved Recruitment/Retention and Advancement of the Underrepresented*. Eds. P. Mosley & K. Hargrove.

Gilbert, Juan E. "Ten in 10: Reflective Examination of How a University in the South Graduated 10 African American Computer Science Ph.D.s in 10 Years." *Beyond Stock Stories and Folktales: African Americans Paths to STEM Fields*. Eds. William Tate and Henry Frierson . Bingley, U. K.: Emerald, 2011. 307-322.

Gilbert, Juan E. "Beating the Odds, African Americans in Computer Science." *Brothers of the Academy: Up and Coming Black Scholars Earning Our Way in Higher Education*. Ed. Lee Jones. Sterling, Va: Stylus Pub, 2000. 140-148.

Jackson, Jerlando, Lavar J. Charleston, Phillis L. George, & Juan E. Gilbert. "Factors that Attract African American Males to Computer Science: A Study of Aspiring and Current Professionals." *African American Males and Education: Examining the Convergence of Race and Identity, Information Age*. Eds. M. C. Brown & T. E. Dancy.

Other Publications

Blake, M. Brian and Juan E. Gilbert. "Black Computer Scientists in Academe: an Endangered Species?." *Chronicle of Higher Education* 57.5 (2010): B35.

Gilbert, Juan E., Jerlando Jackson, and Cheryl Seals, C. "African-American Researchers in Computing Sciences: A Model for Broadening Participation in Computing." *Computing Research News*. 20.3 (2008): 2, 23.

Gilbert, Juan E. "Silos of Academe Thwart Diversity on Campuses." *Chronicle of Higher Education* 55.5 (2008): B45.

Gilbert, Juan E. and W. Eugene. "Building the Future Black Faculty Pipeline." *Afrogeeks: Beyond the Digital Divide*. Eds. Anna Everett and Amber J. Wallace. Santa Barbara, Calif: Center for Black Studies Research, University of California, 2007. 285-293.

Relevant

Brynjolfsson, Erik, and Adam Saunders. *Wired for Innovation: How Information Technology is Reshaping the Economy*. Cambridge, Mass: MIT Press, 2010.

Dancy, T E. *Managing Diversity: (re)visioning Equity on College Campuses*. New York: Peter Lang, 2010.

Gurian, Michael. *A Fine Young Man: What Parents, Mentors, and Educators Can Do to Shape Adolescent Boys into Exceptional Men*. New York: Jeremy P. Tarcher/Putnam, 1998.

Landsman, Julie, and Chance W. Lewis. *White Teachers, Diverse Classrooms: A Guide to Building Inclusive Schools, Promoting High Expectations, and Eliminating Racism*. Sterling, Va: Stylus Pub, 2006.

Moore, Sharon E, Rudolph Alexander, and Anthony J. Lemelle. *Dilemmas of Black Faculty at Predominantly White Institutions in the United States: Issues in the Post-Multicultural Era*. Lewiston, N.Y: Edwin Mellen Press, 2010.

Thompson, Gail L. *The Power of One: How You Can Help or Harm African American Students*. Thousand Oaks, Calif: Corwin Press, 2010.

Wharton, David E. *A Struggle Worthy of Note: The Engineering and Technological Education of Black Americans*. Westport, Conn: Greenwood Press, 1992.