

The following pages provide bibliographic references to themes that support geography and geosciences departments in their efforts to enhance diversity among students and faculty, to promote inclusion, and to broaden participation in their higher education programs. It has been compiled as an activity of the AAG ALIGNED Project with National Science Foundation Support (OEDG# 0914645). The bibliography certainly does not include every publication written on the subject, it is focused on particularly relevant or current research. Updates, corrections, and additions may be sent to psolis@aag.org. This listing is organized in the following categories (citations may appear in more than one category):

Institutions

- K-12
- Community College
- Undergraduate
- Graduate
- Faculty
- Departmental Climate

Disciplines

- Geography Specific
- Geosciences Related
- STEM (Science Technology Engineering & Mathematics) Fields

Underrepresented Groups

- Latino / Hispanic
- Black / African American
- Asian American
- American Indian, Pacific Islander, Native American
- Low Income / Socially Disadvantaged
- Queer / GLBT (Gay, Lesbian, Bisexual, Transgender)
- Women and Girls
- Persons with Disabilities
- First Generation

General Themes

- Key Issues and Best Practices
- Mentoring
- Benefits of Diversity
- Workforce and Careers

Institutions

K-12

- Bailey, S., L. Burbidge, P.B. Campbell, B. Jackson, F. Marx, and P. McIntosh, 1992. *The AAUW report: How schools shortchange girls*. Washington, DC: AAUW Educational Foundation & National Education Association.
- Catsambis, S. 1994. "The Path to Math: Gender and Racial-Ethnic Differences in Mathematics Participation From Middle School to High School," *Sociology of Education*, 67: 199-215.
- CPE. 2007. "The United States of Education: A Guide to our Changing Demographics and their Implications for Public Schools." Document prepared for the Center for Public Education of the National School Boards Association, Alexandria, VA. Available at http://www.centerforpubliceducation.org/site/c.lvIXliNOJwE/b.5057543/k.CA9/The_United_States_of_education_A_guide_to_our_changing_demographics_and_their_implications_for_public_schools.htm
- Fitzpatrick, C. 1999. GIS in K-12 classrooms: Real Applications and Real Learning. National Council for Geographic Education Perspective 27(4):4,6.
- Hanson, S.L., *Swimming Against the Tide: African American Girls and Science Education*. Philadelphia, PA: Temple University Press, 2009.
- Harris, Richard and Ron Johnston. 2008. Primary Schools, Markets and Choice: Studying Polarization and the Core Catchment Areas of Schools. *Applied Spatial Analysis and Policy* 1(1):59-84.
- Horton, S., T. Lovitt, T. Slocum. (1988). Teaching Geography to High School Students with Academic Deficits: Effects of a Computerized Map Tutorial. *Learning Disability Quarterly*, Vol. 11, No. 4 (Autumn, 1988), pp. 371-379
- Hurtado, S., Engberg, M. E., Ponjuan, L., & Landreman, L. (2002). Students' precollege preparation for participation in a diverse democracy. *Research in Higher Education*, 43, 163-186.
- Hyde, C. A., & Ruth, B. J. (2002). Multicultural content and class participation: Do students self-censor? *Journal of Social Work Education*, 38, 241-56.
- Ligocki, Clemenc. "High School Geography and the Need for Communication." *JOURNAL OF GEOGRAPHY* 81 (September-October 1982):188-190.
- Locks, A. M., Hurtado, S., Bowman, N. A., & Oseguera, L. (2008). Extending notions of campus climate and diversity to students' transition to college. *Review of Higher Education*, 31, 257-285.
- Office of Technology Assessment, 1988, *Educating scientists and engineers: Grade school to grad school (OTA-SET-377)*, Washington, DC, Congress of the United States (U.S. Government Printing Office).
- Page, Scott E.. (2007). *The Difference: How the Power of Diversity Creates Better Groups, Firms, Schools, and Societies* . Princeton: Princeton University Press.
- Sa'enz, V. B. (2005). *Breaking the cycle of segregation: The effects of pre-college racial environments on students' diversity experiences in college*. Unpublished dissertation, University of California, Los Angeles.

Community College

- Association of American Geographers (various years). *Minority Serving Institutions with Geography Programs*. In *AAG Guide to Geography Programs in the Americas* (Washington DC: Association of American Geographers).
- Brown-Glaude, Winnifred (ed). 2009. *Doing Diversity in Higher Education: Faculty Leaders Share Challenges and Strategies*. New Brunswick, New Jersey: Rutgers University Press.
- Choy, S. 2000. *Low-Income Students: Who they are and how they pay for their education*. Washington, DC: U.S. Department of Education, National Center for Education Statistics. <http://nces.ed.gov/pubs2000/2000169.pdf>
- Eisner, D. (2000). Homophobia and the demise of multicultural community: Strategies for change in the community college. *ADE Bulletin*, 124, 23-28.
- Handel, S. (2006). *Academic Cultures of Community Colleges and Selective Four-Year Institutions: The "Transfer-Going" Context in California*. Available at http://professionals.collegeboard.com/profdownload/academic-cultures_handel-remarks.pdf

- Hickey J.J. (1996). Community college geography: a question of place. *Journal of Geography*. 95(1), 27-31.
- Hyde, C. A., & Ruth, B. J. (2002). Multicultural content and class participation: Do students self-censor? *Journal of Social Work Education*, 38, 241-56.
- Jack Kent Cooke Foundation National Forum. (2006). A Fresh Look at Equity at Selective Colleges and Universities: Expanding Access for Low- Income Community College Transfers. Washington, D.C.
- Office of Technology Assessment, 1988, Educating scientists and engineers: Grade school to grad school (OTA-SET-377), Washington, DC, Congress of the United States (U.S. Government Printing Office).
- Page, Scott E.. (2007). *The Difference: How the Power of Diversity Creates Better Groups, Firms, Schools, and Societies* . Princeton: Princeton University Press.
- Phillippe, K, 2000, "National Profile of Community Colleges: Trends and Statistics, Third Edition (2000) Community College Press, American Association of Community Colleges
- Quimbita, G., 1991, Preparing women and minorities for careers in math and science: The role of community colleges, ERIC Clearinghouse for Junior Colleges.
- Winsberg M.D. (1998). Geography Instruction in Florida's community colleges. *Florida Geographer*. (29), 105-110.
- Yazzie, R., P. Craig, B. Aaspas, D. Isely, R. Grey. (1995). Geographic Information System Research Project at Navajo Community College—Shiprock Campus. Available at <http://www.osti.gov/energycitations/servlets/purl/369688-MwFGjE/webviewable/369688.pdf>

Undergraduate

- AAAS & Commission on Professionals in Science and Technology. (2005). Preparing Women and Minorities for the IT Workforce: The Role of Nontraditional Educational Pathways. Available at http://www.aaas.org/publications/books_reports/ITW/PDFs/Complete_book.pdf
- AAG. (2006). Final Report: An Action Strategy for Geography Departments as Agents of Change: A Report of the AAG Diversity Task Force. Available at: http://communicate.aag.org/eseries/Diversity/DTF_FINAL.pdf
- Alberti, J. (2001). Returning to class: Creating opportunities for multicultural reform at majority second tier schools. *College English*, 63(5), 561-584.
- Alfred, L.J., Atkins, C., Lopez, M., Chavez, T., Avila, V and Paolini, P., 2005, A science pipeline pathway for training underrepresented students in the biomedical sciences, *Journal of women and minorities in science and engineering*, v. 11, p. 45-60.
- Ambler, M., 1999. The Native Student at a Distance, *College Journal of American Indian Higher Education*, 10(3):1-5.
- American Council on Education, "*Minorities in Higher Education Twenty-Third Annual Status Report*" (2008) <http://www.acenet.edu/AM/Template.cfm?Section=CPA&Template=/CM/HTMLDisplay.cfm&ContentID=29418>
- American Physical Society Committee on the Status of Women in Physics, "Gender Equity Conference: Strengthening the Physics Enterprise in Universities and National Laboratories", <http://www.aps.org/programs/women/workshops/gender-equity/upload/genderequity.pdf>
- Antonio, A. L. (2001). The role of interracial interaction in the development of leadership skills and cultural knowledge and understanding. *Research in Higher Education*, 42, 593-617.
- Antonio, A. L., Chang, M. J., Hakuta, K., Kenny, D. A., Levin, S., & Milem, J. F. (2004). Effects of racial diversity on complex thinking in college students. *Psychological Science*, 15, 507-510.
- Appel, Morgan, et al. *The Impact of Diversity on Students: A Preliminary Review of the Research Literature*. Washington, DC: Association of American Colleges and Universities, 1996. Report may be ordered at <http://www.diversityweb.org/digest/F96/research.html>
- Association of American Geographers (various years). *Minority Serving Institutions with Geography Programs*. In *AAG Guide to Geography Programs in the Americas* (Washington DC: Association of American Geographers).
- Astone, Barbara, and Elsa Maria Nuonez-Wormack. *Pursuing Diversity: Recruiting College Minority Students*. Washington, DC: School of Education and Human Development, George Washington University, 1990.
- Attinasi, L. C. (1989). Getting in: Chicanos' perceptions of university going with implications for freshman year persistence. *Journal of Higher Education*. Vol. 60, No 3. May/June 1989. Ohio State University
- Baker, B., 2000, Recruiting minorities to the biological sciences, *Bioscience*, v. 50, p. 191-195.

- Bement, A., and Olsen, K. (2006). Mentoring for Science, Technology, Engineering and Mathematics Workforce Development and Lifelong Productivity: Success Across the K through Grey Continuum. Available at <http://coen.boisestate.edu/research/COEN-Mentoring%20white%20paper9-26-06.pdf>
- Bennett, C., & Okinaka, A. (1990). Factors related to persistence among Asian, Black, Hispanic, and White undergraduates at a predominately White university: Comparison between first and fourth year cohorts. *Urban Review*, 22(1), 33-60.
- Bensimon, Estela Mara. "Creating an Institutional Identity Out of "Differences": A Case Study of Multicultural Organizational Change." Annual Meeting of the College Reading and Learning Association. Kansas City, Missouri, April, 1993. Available at <http://www.eric.ed.gov/PDFS/ED358777.pdf>
- BEST (Building Engineering & Science Talent), "A Bridge for All: Higher Education Design Principles to Broaden Participation in Science, Technology, Engineering and Mathematics" (Feb. 2004) (available at http://www.bestworkforce.org/PDFdocs/BEST_BridgeforAll_HighEdFINAL.pdf)
- Bowen, W. G., & Bok, D. (1998). *The shape of the river: Long-term consequences of considering race in college and university admissions*. Princeton, NJ: Princeton University Press.
- Brown, S. E., Santiago, D., & Estela, L. (2003). Latinos in higher education: Today and tomorrow. *Change*, 35(2), 33-39, 40-46.
- Brown, Sarita E. "The Case for Affirmative Action in Higher Education." *About Campus* 1, no. 2 (May/June 1996): 10-15.
- Brown-Glaude, Winnifred (ed). 2009. *Doing Diversity in Higher Education: Faculty Leaders Share Challenges and Strategies*. New Brunswick, New Jersey: Rutgers University Press.
- Brunner, B. (2006). Student perceptions of diversity on a college campus: Scratching the surface to find more. *Intercultural Education*, 17(3), 311-317.
- Building Engineering & Science Talent (BEST). A Bridge for All: Higher Education Design Principles to Broaden Participation in Science, Technology, Engineering and Mathematics. San Diego, CA: BEST, February 2004. Available at http://www.bestworkforce.org/PDFdocs/BEST_BridgeforAll_HighEdDesignPrincipals.pdf
- Burback, J. J., & Thompson, M. A. (1971). Alienation among college freshmen: A comparison of Puerto Rican, Black and White students. *Journal of College Student Personnel*, 12, 248-252. Butler, D. L. (1995).
- Cabrera, A. F., & Nora, A. (1994). College student perceptions of prejudice and discrimination and their feelings of alienation: A construct validation approach. *Review of Education/Pedagogy/Cultural Studies*, 16, 387-409.
- Cabrera, A. F., Nora, A., Terenzini, P. T., Pascarella, E., & Hagerdorn, L. S. (1999). Campus racial climate and the adjustment of students to college: A comparison between White students and African-American students. *The Journal of Higher Education*, 70, 134-160.
- Chang, M. J. (1999). Does racial diversity matter?: The educational impact of a racially diverse undergraduate population. *Journal of College Student Development*, 40, 377-395.
- Chang, M. J. (2002a). The impact of an undergraduate diversity course requirement on students' racial views and attitudes. *Journal of General Education*, 51, 21-42.
- Chang, M. J., Astin, A. W., & Kim, D. (2004). Cross-racial interaction among undergraduates: Some consequences, causes, and patterns. *Research in Higher Education*, 45, 529-553.
- Chang, M. J., Cerna, O., Han, J., & Sa'enz, V. (2008). The contradictory roles of institutional status in retaining underrepresented minorities in biomedical and behavioral science majors. *The Review of Higher Education*, 31, 433-464.
- Chang, M. J., Denson, N., Sa'enz, V., & Misa, K. (2006). The educational benefits of sustaining cross-racial interaction among undergraduates. *Journal of Higher Education*, 77, 430-455.
- Chen, X. 2005. *First Generation Students in Postsecondary Education: A Look at Their College Transcripts*. Washington, D. C.: U.S. Department of Education, National Center for Education Statistics. Available at <http://nces.ed.gov/pubs2005/2005171.pdf>
- Chism, Nancy. "Taking Student Diversity into Account." In *Teaching Tips: Strategies, Research, and Theory for College and University Teachers*, 9th ed., by Wilbur J. McKeachie, 223-37. Lexington, Mass.: D. C. Heath, 1994.
- Choy, S. 2000. *Low-Income Students: Who they are and how they pay for their education*. Washington, DC: U.S. Department of Education, National Center for Education Statistics. <http://nces.ed.gov/pubs2000/2000169.pdf>
- Coleman, A.L., S. R. Palmer & S. Y. Winnick, "Race-Neutral Policies in Higher Education: From Theory to Action" (College Board, June 2008) Available at http://professionals.collegeboard.com/profdownload/Race-Neutral_Policies_in_Higher_Education.pdf
- Coleman, A.L., S. R. Palmer, E. Sanghavi, & S. Y. Winnick, "From Federal Law to State Voter Initiatives: Preserving Higher Education's Authority to Achieve the Educational, Economic, Civic, and Security Benefits Associated with a Diverse Student Body" (College Board, March 2007) available at http://www.collegeboard.com/prod_downloads/diversitycollaborative/preserving-higher-education-authority.pdf

- Coleman, A.L., S. R. Palmer, J. Rippner & J. R. Buck "A 21st-Century Imperative: Promoting Access and Diversity in Higher Education" (College Board, American Council on Education, and Education Counsel, October 2009) Available at <http://www.educationcounsel.com/files/CBDColloquiumPaper.pdf>
- Cress, C. M., & Ikeda, E. K. (2003). Distress under duress: The relationship between campus climate and depression in Asian American college students. *NASPA Journal*, 40, 74–97.
- Cureton, S. (2003). Race-specific college student experiences on a predominantly White campus. *Journal of Black Studies*, 33, 295–311.
- D'Augelli, A. R., & Hershberger, S. L. (1993). African American undergraduates on a predominantly White campus: Academic factors, social networks, and campus climate. *The Journal of Negro Education*, 62, 67–81.
- Darden, J.T., & Terra, L. (2003). Black geographers in institutions of higher education: Where they are and a selected bibliography of their works. East Lansing: Department of Geography, Michigan State University.
- Decker Lardner, E. 2003. *Approaching diversity through learning communities*. Olympia, WA: The Evergreen State College, Washington Center for Improving the Quality of Undergraduate Education.
- Dumas-Hines, F. A., Cochran, L. L., & Williams, E. U. (2001). Promoting diversity: Recommendations for recruitment and retention of minorities in higher education. *College Student Journal*, 35(3), 433.
- Eimers, M. T., & Pike, G. R. (1997). Minority and nonminority adjustment to college: Differences or similarities? *Research in Higher Education*, 38, 77–97.
- Einfeld, A. and D. Collins. 2008. The relationships between service-learning, social justice, multicultural competence, and civic engagement. *Journal of College Student Development* 49(2): 95-109.
- Engberg, M. E., Hurtado, S., & Smith, G. (2007). Developing attitudes of acceptance toward lesbian, gay, and bisexual peers: Enlightenment, contact, and the college experience. *Journal of Gay & Lesbian Issues in Education*, 4, 49–77.
- Engle, J., and C. O'Brien. 2007. Demography is not destiny: Increasing the graduation rates of low-income college students at large public universities. Washington, D.C.: The Pell Institute for the Study of Opportunity in Higher Education. Available at http://www.pellinstitute.org/files/files-demography_is_not_destiny.pdf
- Engstrom, C. M., & Sedlacek, W. (1997). Attitudes of heterosexual students toward gay and lesbian peers. *Journal of College Student Development*, 39, 565-576.
- Equal Justice Society, "Preserving Diversity in Higher Education: A Manual on Admissions Policies and Procedures After the University of Michigan Decisions," Ch. VII ("Faculty and Staff Hiring") (2004) (available at www.equaljusticesociety.org) http://www.equaljusticesociety.org/compliancemanual/Preserving_Diversity_In_Higher_Education.pdf
- Estaville, L. E., B.J. Brown and S. Caldwell. 2006. Geography undergraduate program essentials: Recruitment. *Journal of Geography* 105 (1):3-12.
- Evans, N. J., & Wall, V. A. (1991). *Beyond tolerance: Gays, lesbians, and bisexuals on campus*. Alexandria, VA: American College Personnel Association.
- Feagin, J. R., & Vera, H. (1996). *The agony of education, Black students at White colleges and universities*. New York: Routledge.
- Fidler, P. P. and M. A. Godwin. 1994. Retaining African-American students through the freshman seminar. *Journal of Developmental Education* 17 (3): 34-40.
- Flemming, J. (1984). *Blacks in college: A comparative study of students' success in Black and White institutions*. San Francisco: Jossey-Bass.
- Foertsch, J., B.B. Alexander, and D. Penberthy. 2000. Summer research opportunity programs (SROPs) for minority undergraduates: A longitudinal study of program outcomes, 1986- 1996. *Council on Undergraduate Research Quarterly* 20(3): 114-119.
- Freeman, K. (Ed.). (1998). *African American culture and heritage in higher education research and practice*. Westport, CT: Praeger.
- Freeman, K., & Thomas, G. E. (2002). Black colleges and college choice: Characteristics of students who choose HBCUs. *The Review of Higher Education*, 25, 349-358.
- Fries-Britt, S., & Turner, B. (2001). Facing stereotypes: A case study of Black students on a White campus. *Journal of College Student Development*, 42, 420-429.
- Fries-Britt, S., & Turner, B. (2002). Uneven stories: Successful Black collegians at a Black and White campus. *The Review of Higher Education*, 25, 315-330.
- Georges, A., 2000, Keeping what we've got: The impact of financial aid on minority retention in engineering, *Hispanic Times Magazine*, v. 23, p. 33-46.
- Griffith, Amanda. 2009. "Study Finds That Merit Aid at Private Colleges Has a Dampening Effect on Both Racial and Socioeconomic Diversity," *JBHE Weekly Bulletin*, Sept. 3, 2009, www.jbhe.com/latest/news/9-3-09/meritaid.html
- Gurin, P. (1999). New research on the benefits of diversity in college and beyond: An empirical analysis. *Diversity Digest* 3(3).

- Gurin, P., Dey, E. L., Hurtado, S., & Gurin, G. (2002). Diversity and higher education: Theory and impact on educational outcomes. *Harvard Educational Review*, 72, 330–367.
- Handel, S. (2006). Academic Cultures of Community Colleges and Selective Four-Year Institutions: The "Transfer-Going" Context in California. Available at http://professionals.collegeboard.com/profdownload/academic-cultures_handel-remarks.pdf
- Harper, S. R., & Hurtado, S. (2007). Nine themes in campus racial climates and implications for institutional transformation. *New Directions for Student Services*, 120, 7–24.
- Harvard Law Review Association. 1996. "An Evidentiary Framework for Diversity as a Compelling Interest in Higher Education." *Harvard Law Review* 109, no. 6 (April 1996): 1357-74.
- Hausmann, L. R. M., Schofield, J. W., & Woods, R. L. (2007). Sense of belonging as a predictor of intentions to persist among African American and white first-year college students. *Research in Higher Education*, 48(7), 803-839.
- Herries, J. A Model for the Use of GIS Technology in College and University Admissions Planning. Available at <http://proceedings.esri.com/library/userconf/proc97/proc97/to250/pap218/p218.htm>
- Hu, S. and St. John, E.P., 2001, Student persistence in a public higher education system: Understanding racial and ethnic difference, *The Journal of Higher Education*, v. 72, p. 265-286.
- Hurtado, S. (2002). Creating a climate of inclusion: Understanding Latina/o college students. In W. A. Smith, P. G. Altbach, & K. Lomotey (Eds.), *The racial crisis in American higher education: Continuing challenges for the twenty-first century* (pp. 121–136). Albany, NY: SUNY Press.
- Hurtado, S., & Carter, D. F. (1997). Effects of college transition and perceptions of the campus racial climate on Latino college students' sense of belonging. *Sociology of Education*, 70, 324–345.
- Hurtado, S., & Ponjuan, L. (2005). Latino educational outcomes and the campus climate. *Journal of Hispanic Higher Education*, 4, 235–251.
- Hurtado, S., Carter, D. F., & Spuler, A. (1996). Latino student transition to college: Assessing difficulties and factors in successful college adjustment. *Research in Higher Education*, 37, 135–157.
- Hurtado, S., Han, J. C., Sa'enz, V. B., Espinosa, L., Cabrera, N., & Cerna, O. (2007). Predicting transition and adjustment to college: Biomedical and behavioral science aspirants' and minority students' first year of college. *Research in Higher Education*, 48, 841–887.
- Hurtado, S., M.K. Eagan, N.L. Cabrera, M.H. Lin, J. Park, and M. Lopez. 2008. Training future scientists: Predicting first-year minority student participation in health science research. *Research in Higher Education* 49: 126-152.
- Hurtado, S., Maestas, R., Hill, L., Inkelas, K., Wathington, H. D., & Waterson, E. (1998). Perspectives on the climate for diversity: Findings and suggested recommendations for the Texas A & M. Center for the Study of Higher and Postsecondary Education.
- Hyde, C. A., & Ruth, B. J. (2002). Multicultural content and class participation: Do students self-censor? *Journal of Social Work Education*, 38, 241-56.
- Iannone, C. (2001). Smiling through the cultural catastrophe: Toward the revival of higher education. *Commentary*, 112, 66-76.
- Ibarra, R. A. (2001). *Beyond affirmative action: Reframing the context of higher education*. Chicago, IL: University of Wisconsin Press.
- Inkelas, K. K., Z. E. Daver, K. E. Vogt, and J. B. Leonard. 2007. Living-learning programs and first-generation college students' academic and social transition to college. *Research in Higher Education* 48 (4): 403-434.
- Ishiyama, John. 2007. Expectations and perceptions of undergraduate research mentoring: Comparing first generation, low income White/Caucasian and African American students. *College Student Journal* 41: 510-520.
- Ishiyama, J. 2001. Undergraduate research and the success of first-generation, low-income college students. *Council on Undergraduate Research Quarterly*, September 2001: 36- 41.
- J. Alger, "When Color-Blind is Color-Bland: Ensuring Faculty Diversity in Higher Education," 10 *Stan. L. & Policy Rev.* 191 (1998-99)
- Jack Kent Cooke Foundation National Forum. (2006). A Fresh Look at Equity at Selective Colleges and Universities: Expanding Access for Low- Income Community College Transfers. Washington, D.C.
- Jayakumar, U. 2009. "Can Higher Education Meet the Needs of an Increasingly Diverse and Global Society? *Campus Diversity and Cross-Cultural Workforce Competencies*," 78 *Harv. Ed. Rev.* 615 (2009)
- Jayakumar, U. M. (2007). Can higher education meet the needs of an increasingly diverse society and global marketplace?: Campus diversity and crosscultural workforce competencies. University of California at Los Angeles. Available at <http://her.hepg.org/content/b60031p350276699/?p=1f05c06b0a8946d0b767bd79745da799&pi=2>
- Jehangir, R. 2008. In their own words: Voices of first-generation college students in a multicultural learning community. *Opportunity Matters* 1: 22-32.

- Johnson, D. R., M. Soldner, J. B. Leonard, P. Alvarez, K. K. Inkelas, H. Rowan-Kenyon, and S. Longerbeam. 2007. Examining sense of belonging among first-year undergraduates from different racial/ethnic groups. *Journal of College Student Development* 48 (5): 525-542.
- Joint Center for Political and Economic Studies, Washington, DC. *The Inclusive University: A New Environment for Higher Education*. Lanham, Maryland: University Press of America, 1993.
- Jonides, J., J.S. Lerner, W. von Hippel, and B.A. Nagda. 1992. Evaluation of minority retention programs: The Undergraduate Research Opportunities Program at the University of Michigan. Paper presented at the Annual Meeting of the American Psychological Association, Washington, D.C. Available at <http://www.eric.ed.gov/PDFS/ED355309.pdf>
- Journal of College Student Development*, 40, 377-395. Chang, M. J. (2002). Racial dynamics on campus: What student organizations can tell us? *About Campus*, 7(1), 2-8. Chavez, L. (1999).
- Justiz, M. J., Wilson, R., & Bjafark, L. G. (Eds.). (1994). *Minorities in higher education*. Phoenix, AZ: Oryx Press.
- Kalivoda, K. S., & Higbee, J. L. (1989). Students with disabilities in higher education: Redefining access. *Journal of Educational Opportunity*, 4, 14-21.
- Kalivoda, K. S., & Higbee, J. L. (1999). Serving college students with disabilities: Application of the theory of planned behavior. *Academic Exchange Quarterly*, 3(2), 6-16.
- Kincaid, J., & Simon, J. (1994). *Issues in Higher Education and Disability Law*. Columbus, OH: Association on Higher Education and Disability.
- Kolodny, A. (2000). Women and higher education in the twenty-first century: Some feminist and global perspectives. *NWSA Journal*, 12(2), 130-147.
- Kramer, M. R., & Weiner, S. S. (1994). *Dialogues for diversity: Community and ethnicity on campus*. Phoenix, AZ: Oryx Press.
- Levine, F.J., Rodriguez, H., Howery, C., & Latoni-Rodriguez, A. (2002). *Promoting diversity and excellence in higher education through department change*. Washington, D.C.: American Sociological Association.
- Lloyd, W. (2001). Integrating GIS into the Undergraduate Learning Environment. *The Journal of Geography* Sept/Oct. 2001; 100, 5. Available at <http://www.norsknettskole.no/etterutdanning/kurs/captive/Oleorjan/827/Lloyd2001.pdf>
- Locks, A. M., Hurtado, S., Bowman, N. A., & Oseguera, L. (2008). Extending notions of campus climate and diversity to students' transition to college. *Review of Higher Education*, 31, 257-285.
- Longerbeam, S. D., and W. E. Sedlacek. 2006. Attitudes toward diversity and living-learning outcomes among first- and second-year college students. *NASPA Journal* 43 (1): 40-55.
- Lopez, J. D. (2005). Race-related stress and sociocultural orientation among Latino students during their transition into a predominantly White, highly selective institution. *Journal of Hispanic Higher Education*, 4, 354-365.
- Mannel, S., Winkelman, K. (2005). How to set up a GIS program at a tribal college. Available at <http://proceedings.esri.com/library/userconf/proc05/papers/pap1616.pdf>.
- Mapp, Karen L. "Diversity in Higher Education: A Work in Progress." *Harvard Educational Review* 66, no. 4 (Winter 1996): 890.
- Marble, D., V. Mora, J. Herries. (1994). Applying GIS Technology to the Freshman Admissions Process at a Large University. Available at <http://proceedings.esri.com/library/userconf/proc95/to200/p182.html>
- Maruyama, G., Moreno, J. F., Gudeman, R. H., & Marin, P. (2000). Does diversity make a difference? Three research studies on diversity in college classrooms. Washington, DC: American Council on Education and American Association of University Professors. Available at <http://www.aaup.org/NR/rdonlyres/97003B7B-055F-4318-B14A-5336321FB742/0/DIVREP.PDF>
- Massey, D. S., Charles, C. Z., Lundy, G. F., & Fischer, M. J. (2003). *The source of the river: The social origins of freshmen at America's selective colleges and universities*. Princeton, NJ: Princeton University Press.
- Massey, Douglas S., and Margarita Mooney, "The Effects of America's Three Affirmative Action Programs on Academic Performance," *Social Problems*, Vol. 54, Feb. 2007: 99- 117.
- Mayhew, M. J., & Grunwald, H. E. (2006). Factors contributing to faculty incorporation of diversity related course content. *Journal of Higher Education*, 77, 148-168.
- McDonough, P. M. (1997). *Choosing Colleges: How Social Class and Schools Structure Opportunity*. Albany, New York: State University of New York Press.
- Michael, S. O., & Thompson, M. D. (1995). Multiculturalism in higher education: Transcending the familiar zone. *Journal of Higher Education Management*, 11(1), 31-48.
- Milem, J., Chang, M., & Antonio, A. (2005). Making diversity work on campus: A research based perspective. Washington, DC: Association of American Colleges and Universities. Available at http://siher.stanford.edu/AntonioMilemChang_makingdiversitywork.pdf

- Mintz, Suzanne D., et al. Sources: Diversity Initiatives in Higher Education: A Directory of Programs, Projects, and Services for African Americans, Asian Americans, Hispanic Americans, and Native Americans in Higher Education. Washington, DC: Office of Minorities in Higher Education, American Council on Education, 1993.
- Murphy, A. Geography's Place in Higher Education in the United States. Available at http://geography.uoregon.edu/murphy/articles/murphy_jghe_manuscript%20with%20figures.pdf
- Musil, Caryn McTighe. "The Maturing of Diversity Initiatives on American Campuses." *American Behavioral Scientist* 40, no. 2 (November 1996): 222-32.
- Nelson Laird, T. F. (2005). College students' experiences with diversity and their effects on academic self-confidence, social agency, and disposition toward critical thinking. *Research in Higher Education*, 46, 365–387.
- Nelson Laird, T. F., Engberg, M. E., & Hurtado, S. (2005). Modeling accentuation effects: Enrolling in a diversity course and the importance of social action engagement. *Journal of Higher Education*, 76, 448–476.
- Nelson, Craig E. "Student Diversity Requires Different Approaches to College Teaching, Even in Math and Science." *American Behavioral Scientist* 40, no. 165-175 (November-December 1996): 165-75.
- Nora, A., & Cabrera, A.F. (1996, March-April). The role of perceptions in prejudice and discrimination and the adjustment of minority students to college. *Journal of Higher Education*, 67(2), 119-148.
- O'Brien, C., & Shedd, J. (2001). *Getting through college: Voices of low-income and minority students in New England*. Washington, DC: Institute for Higher Education Policy. (ED 451 770)
- Office of Technology Assessment, 1988, *Educating scientists and engineers: Grade school to grad school (OTA-SET-377)*, Washington, DC, Congress of the United States (U.S. Government Printing Office).
- Office of the Attorney General of Maryland, "*Strengthening Diversity in Maryland Colleges and Universities: A Legal Roadmap*," at Ch. 3 ("Faculty and Staff Diversity") (March 2009)
- Page, Scott E.. (2007). *The Difference: How the Power of Diversity Creates Better Groups, Firms, Schools, and Societies* . Princeton: Princeton University Press.
- Paige, S. (1999, August 30). Campus contrasts in black and white. *Insight on the News*, 15, 16-17.
- Pascarella, E. T., Edison, M., Nora, A., Hagedorn, L. S., & Terenzini, P. T. (1996). Influences on students' openness to diversity and challenge in the first year of college. *Journal of Higher Education*, 67, 174–195.
- Rankin, S. R., & Reason, R. D. (2005). Differing perceptions: How students of color and White students perceive campus climate for underrepresented groups. *Journal of College Student Development*, 46, 43–61.
- Ratliff, Charles A., et al. "State Strategies to Address Diversity and Enhance Equity in Higher Education." Denver, Colorado: State Higher Education Executive Officers Association, 1997.
- Richardson, R. C. and Bender, L. W. (1987). *Fostering Minority Access and Achievement in Higher Education*. San Francisco: Jossey-Bass.
- Rodrigue, C. (2006). *Geography Diversity Initiatives at California State University, Long Beach: The Geoscience Diversity Enhancement Program*. Yearbook of the Association of Pacific Coast Geographers - Volume 69, 2007, pp. 160-167
- Rodrigue, Christine M. 2005. The state of geography and its cognate disciplines in the California State Universities from Fall 1992 through Fall 2004. *The California Geographer* 45: 59-85.
- S. Eckes, "*Diversity in Higher Education: The Consideration of Race in Hiring University Faculty*," B.Y.U. Educ. & L. J. 33 (2005)
- Sa'enz, V. B. (2005). *Breaking the cycle of segregation: The effects of pre-college racial environments on students' diversity experiences in college*. Unpublished dissertation, University of California, Los Angeles.
- Sa'enz, V. B., Ngai, H. N., & Hurtado, S. (2007). Factors influencing positive interactions across race for African-American, Asian-American, Latino, and White college students. *Research in Higher Education*, 48, 1–38.
- Safarik, L. (2003). Feminist transformation in higher education: Discipline, structure, and institution. *Review of Higher Education*, 26, 419-445.
- Seidman, A., 2005, *Minority student retention: resources for practitioners*. *New Directions for Institutional Research*, v. 125, p. 7-24.
- Semken, Steven, 2005, March, *Sense of place and place-based introductory geoscience teaching for American Indian and Alaska Native undergraduates*, *Journal of Geoscience Education*, v. 53, p. 149-157.
- Smedley, B. D., Myers, H. F., & Harrell, S. P. (1993). Minority-status stresses and the college adjustment of ethnic minority freshmen. *The Journal of Higher Education*, 64, 434–452.
- Smith, D. C. Turner, N. Osei-Kofi & S. Richards, "*Interrupting the Usual: Successful Strategies for Hiring Diverse Faculty*," 75 J. Higher Ed. 133 (March/April 2004)
- Sommers, B. J. 1997. The freshman year experience and geography: Linking student retention and the introductory geography curriculum. *Journal of Geography* 96: 243-249.

- St. John, E.P., & Noell, J. (1989, December). The effects of student financial aid on access to higher education: An analysis of progress with special consideration of minority enrollment. *Research in Higher Education*, 30(6), 563-581
- Suarez-Balcazar, Y., Orellana-Damacela, L., Portillo, N., Rowan, J. M., & Andrews-Guillen, C. (2003). Experiences of differential treatment among college students of color. *The Journal of Higher Education*, 74, 428-444.
- Summers, J. J., Svinicki, M. D., Gorin, J. S., & Sullivan, T. A. (2002). Student feelings of connection to the campus and openness to diversity and challenge at a large research university: Evidence of progress? *Innovative Higher Education*, 27, 53-64.
- Task Force on Representation in the Curriculum of the Division of the Psychology of Women, of the American Psychological Association. (1995). "Including Diverse Women in the Undergraduate Curriculum: Reasons and Resources". Available at <http://www.mith2.umd.edu/WomensStudies/ReferenceRoom/including-diverse-women.html>
- Terrell, Melvin. 1992. *Diversity, Disunity, and Campus Community*. Edited by Melvin C. Terrell. Washington, DC: National Association of Student Personnel Administrators, Inc., 1992.
- Treisman, P.U., 1992. "Studying students studying calculus: A look at the lives of minority mathematics students in college," *The College Mathematics Journal*, 23(5): 362-372
- United States Department of Education. (2007). United States Department of Education Accredited Postsecondary Minority Institutions. Available at <http://www2.ed.gov/about/offices/list/ocr/edlite-minorityinst-list-tab.html>
- United States Department of Education. (2009). White House Initiative on Tribal Colleges and Universities: Tribal Colleges and Universities Address List. Available at <http://www2.ed.gov/about/inits/list/whtc/edlite-tclist.html>
- United States Department of Education. (2010). List of HBCUs-- White House Initiative on Historically Black Colleges and Universities. Available at <http://www2.ed.gov/about/inits/list/whhbcu/edlite-list.html#list>
- United States Department of Education. United States Department of Education Accredited Postsecondary Minority Institutions: Institutions with High Hispanic Enrollment from IPEDS Spring 2007 Survey. Available at <http://www2.ed.gov/about/offices/list/ocr/edlite-minorityinst-list-hisp-tab.html>
- US Department of Education. (2003). Race-Neutral Alternatives in Postsecondary Education: Innovative Approaches to Diversity. Available at <http://www2.ed.gov/about/offices/list/ocr/edlite-raceneutralreport.html>.
- Ward, T. J. (1990). The African self-consciousness construct and African American students. *Journal of College Student Development*, 31, 492-499.
- Whitmire, E. (2004). The campus racial climate and undergraduates' perceptions of the academic library. *Libraries and the Academy*, 4, 363-378.
- Whitney, David J.; Behl, Richard J.; Ambos, Elizabeth L.; Francis, Robert D.; Holk, Gregory; Larson, Daniel O.; Lee, Christopher T.; Rodrigue, Christine M.; and Wechsler, Suzanne P. 2005. Ethnic differences in geoscience attitudes of college students. *EOS* 86, 30 (26 July): 277, 279.
- Whitt, E. J., Edison, M. I., Pascarella, E. T., Terenzini, P. T., & Nora, A. (2001). Influences on student's openness to diversity and challenge in the second and third years of college. *Journal of Higher Education*, 72, 172-204.
- Zunigaa, X., Williams, E. A., & Berger, J. B. (2005). Action-oriented democratic outcomes: The impact of student involvement with campus diversity. *Journal of College Student Development*, 46, 660-678.

Graduate

- AAAS & Commission on Professionals in Science and Technology. (2005). Preparing Women and Minorities for the IT Workforce: The Role of Nontraditional Educational Pathways. Available at http://www.aaas.org/publications/books_reports/ITW/PDFs/Complete_book.pdf
- AAG. (2006). Final Report: An Action Strategy for Geography Departments as Agents of Change: A Report of the AAG Diversity Task Force. Available at: http://communicate.aag.org/series/Diversity/DTF_FINAL.pdf
- Alberti, J. (2001). Returning to class: Creating opportunities for multicultural reform at majority second tier schools. *College English*, 63(5), 561-584.
- Alfred, L.J., Atkins, C., Lopez, M., Chavez, T., Avila, V and Paolini, P., 2005, A science pipeline pathway for training underrepresented students in the biomedical sciences, *Journal of women and minorities in science and engineering*, v. 11, p. 45-60.
- Ambler, M., 1999. The Native Student at a Distance, *College Journal of American Indian Higher Education*, 10(3):1-5.
- American Council on Education, "Minorities in Higher Education Twenty-Third Annual Status Report" (2008) <http://www.acenet.edu/AM/Template.cfm?Section=CPA&Template=/CM/HTMLDisplay.cfm&ContentID=29418>

- American Physical Society Committee on the Status of Women in Physics, "Gender Equity Conference: Strengthening the Physics Enterprise in Universities and National Laboratories", <http://www.aps.org/programs/women/workshops/gender-equity/upload/genderequity.pdf>
- Antonio, A. L. (2001). The role of interracial interaction in the development of leadership skills and cultural knowledge and understanding. *Research in Higher Education*, 42, 593–617.
- Appel, Morgan, et al. *The Impact of Diversity on Students: A Preliminary Review of the Research Literature*. Washington, DC: Association of American Colleges and Universities, 1996. Report may be ordered at <http://www.diversityweb.org/digest/F96/research.html>
- Association of American Geographers (various years). Minority Serving Institutions with Geography Programs. In *AAG Guide to Geography Programs in the Americas* (Washington DC: Association of American Geographers).
- Baker, B., 2000, Recruiting minorities to the biological sciences, *Bioscience*, v. 50, p. 191-195.
- Bement, A., and Olsen, K. (2006). Mentoring for Science, Technology, Engineering and Mathematics Workforce Development and Lifelong Productivity: Success Across the K through Grey Continuum. Available at <http://coen.boisestate.edu/research/COEN-Mentoring%20white%20paper9-26-06.pdf>
- Bensimon, Estela Mara. "Creating an Institutional Identity Out of "Differences": A Case Study of Multicultural Organizational Change." Annual Meeting of the College Reading and Learning Association. Kansas City, Missouri, April, 1993. Available at <http://www.eric.ed.gov/PDFS/ED358777.pdf>
- BEST (Building Engineering & Science Talent), "A Bridge for All: Higher Education Design Principles to Broaden Participation in Science, Technology, Engineering and Mathematics" (Feb. 2004) (available at http://www.bestworkforce.org/PDFdocs/BEST_BridgeforAll_HighEdFINAL.pdf)
- Bowen, W. G., & Bok, D. (1998). *The shape of the river: Long-term consequences of considering race in college and university admissions*. Princeton, NJ: Princeton University Press.
- Brazziel, M.E. and Brazziel, W.F., 2001, Factors in decisions of underrepresented minorities to forego science and engineering doctoral study: a pilot study, *Journal of Science Education and Technology*, v. 10, p. 273-281.
- Brown, S. E., Santiago, D., & Estela, L. (2003). Latinos in higher education: Today and tomorrow. *Change*, 35(2), 33-39, 40-46.
- Brown, Sarita E. "The Case for Affirmative Action in Higher Education." *About Campus* 1, no. 2 (May/June 1996): 10-15.
- Brown-Glaude, Winnifred (ed). 2009. *Doing Diversity in Higher Education: Faculty Leaders Share Challenges and Strategies*. New Brunswick, New Jersey: Rutgers University Press.
- Chism, Nancy. "Taking Student Diversity into Account." In *Teaching Tips: Strategies, Research, and Theory for College and University Teachers*, 9th ed., by Wilbur J. McKeachie, 223-37. Lexington, Mass.: D. C. Heath, 1994.
- Choy, S. 2000. *Low-Income Students: Who they are and how they pay for their education*. Washington, DC: U.S. Department of Education, National Center for Education Statistics. <http://nces.ed.gov/pubs2000/2000169.pdf>
- Coleman, A.L., S. R. Palmer, E. Sanghavi, & S. Y. Winnick, "From Federal Law to State Voter Initiatives: Preserving Higher Education's Authority to Achieve the Educational, Economic, Civic, and Security Benefits Associated with a Diverse Student Body" (College Board, March 2007) available at http://www.collegeboard.com/prod_downloads/diversitycollaborative/preserving-higher-education-authority.pdf
- Coleman, A.L., S. R. Palmer, J. Rippner & J. R. Buck "A 21st-Century Imperative: Promoting Access and Diversity in Higher Education" (College Board, American Council on Education, and Education Counsel, October 2009) Available at <http://www.educationcounsel.com/files/CBDColloquiumPaper.pdf>
- Committee on Women in Science and Engineering, National Research Council., "From scarcity to visibility: gender differences in the careers of doctoral scientists and engineers. (National Academy Press, Washington, D.C., 2001).
- Darden, J.T., & Terra, L. (2003). Black geographers in institutions of higher education: Where they are and a selected bibliography of their works. East Lansing: Department of Geography, Michigan State University.
- Dumas-Hines, F. A., Cochran, L. L., & Williams, E. U. (2001). Promoting diversity: Recommendations for recruitment and retention of minorities in higher education. *College Student Journal*, 35(3), 433.
- Equal Justice Society, "Preserving Diversity in Higher Education: A Manual on Admissions Policies and Procedures After the University of Michigan Decisions," Ch. VII ("Faculty and Staff Hiring") (2004) (available at www.equaljusticesociety.org) http://www.equaljusticesociety.org/compliancemanual/Preserving_Diversity_In_Higher_Education.pdf
- Feagin, J. R., & Vera, H. (1996). *The agony of education, Black students at White colleges and universities*. New York: Routledge.
- Freeman, K. (Ed.). (1998). *African American culture and heritage in higher education research and practice*. Westport, CT: Praeger.
- Gurin, P. (1999). New research on the benefits of diversity in college and beyond: An empirical analysis. *Diversity Digest* 3(3).

- Gurin, P., Dey, E. L., Hurtado, S., & Gurin, G. (2002). Diversity and higher education: Theory and impact on educational outcomes. *Harvard Educational Review*, 72, 330–367.
- Harper, S. R., & Hurtado, S. (2007). Nine themes in campus racial climates and implications for institutional transformation. *New Directions for Student Services*, 120, 7–24.
- Harvard Law Review Association. 1996. "An Evidentiary Framework for Diversity as a Compelling Interest in Higher Education." *Harvard Law Review* 109, no. 6 (April 1996): 1357-74.
- Herries, J. A Model for the Use of GIS Technology in College and University Admissions Planning. Available at <http://proceedings.esri.com/library/userconf/proc97/proc97/to250/pap218/p218.htm>
- Horvath, R.J., Deskins, D.R., & Larimore, A.E. (1969). Activity concerning Black Americans in university departments granting M.A. and Ph.D. degrees. *The Professional Geographer* 21: 137-139.
- Humphrey R & McCarthy P (1999) Recognising difference: providing for postgraduate students. *Studies in Higher Education*, 24(3), 371-386.
- Hurtado, S., Maestas, R., Hill, L., Inkelas, K., Wathington, H. D., & Waterson, E. (1998). Perspectives on the climate for diversity: Findings and suggested recommendations for the Texas A & M. Center for the Study of Higher and Postsecondary Education.
- Hyde, C. A., & Ruth, B. J. (2002). Multicultural content and class participation: Do students self-censor? *Journal of Social Work Education*, 38, 241-56.
- Iannone, C. (2001). Smiling through the cultural catastrophe: Toward the revival of higher education. *Commentary*, 112, 66-76.
- Ibarra, R. A. (2001). *Beyond affirmative action: Reframing the context of higher education*. Chicago, IL: University of Wisconsin Press.
- J. Alger, "When Color-Blind is Color-Bland: Ensuring Faculty Diversity in Higher Education," 10 *Stan. L. & Policy Rev.* 191 (1998-99)
- Jayakumar, U. 2009. "Can Higher Education Meet the Needs of an Increasingly Diverse and Global Society? *Campus Diversity and Cross-Cultural Workforce Competencies*," 78 *Harv. Ed. Rev.* 615 (2009)
- Jayakumar, U. M. (2007). Can higher education meet the needs of an increasingly diverse society and global marketplace?: Campus diversity and crosscultural workforce competencies. University of California at Los Angeles. Available at <http://her.hepg.org/content/b60031p350276699/?p=1f05c06b0a8946d0b767bd79745da799&pi=2>
- Joint Center for Political and Economic Studies, Washington, DC. *The Inclusive University: A New Environment for Higher Education*. Lanham, Maryland: University Press of America, 1993.
- Journal of College Student Development*, 40, 377-395. Chang, M. J. (2002). Racial dynamics on campus: What student organizations can tell us? *About Campus*, 7(1), 2-8. Chavez, L. (1999).
- Justiz, M. J., Wilson, R., & Bjafark, L. G. (Eds.). (1994). *Minorities in higher education*. Phoenix, AZ: Oryx Press.
- Kalivoda, K. S., & Higbee, J. L. (1989). Students with disabilities in higher education: Redefining access. *Journal of Educational Opportunity*, 4, 14-21.
- Kalivoda, K. S., & Higbee, J. L. (1999). Serving college students with disabilities: Application of the theory of planned behavior. *Academic Exchange Quarterly*, 3(2), 6-16.
- Kincaid, J., & Simon, J. (1994). *Issues in Higher Education and Disability Law*. Columbus, OH: Association on Higher Education and Disability.
- Kolodny, A. (2000). Women and higher education in the twenty-first century: Some feminist and global perspectives. *NWSA Journal*, 12(2), 130-147.
- Kramer, M. R., & Weiner, S. S. (1994). *Dialogues for diversity: Community and ethnicity on campus*. Phoenix, AZ: Oryx Press.
- Levine, F.J., Rodriguez, H., Howery, C., & Latoni-Rodriguez, A. (2002). *Promoting diversity and excellence in higher education through department change*. Washington, D.C.: American Sociological Association.
- Mapp, Karen L. "Diversity in Higher Education: A Work in Progress." *Harvard Educational Review* 66, no. 4 (Winter 1996): 890.
- McDonough, P. M. (1997). *Choosing Colleges: How Social Class and Schools Structure Opportunity*. Albany, New York: State University of New York Press.
- Michael, S. O., & Thompson, M. D. (1995). Multiculturalism in higher education: Transcending the familiar zone. *Journal of Higher Education Management*, 11(1), 31-48.
- Murphy, A. Geography's Place in Higher Education in the United States. Available at http://geography.uoregon.edu/murphy/articles/murphy_jghe_manuscript%20with%20figures.pdf
- Office of Technology Assessment, 1988, *Educating scientists and engineers: Grade school to grad school (OTA-SET-377)*, Washington, DC, Congress of the United States (U.S. Government Printing Office).
- Office of the Attorney General of Maryland, "Strengthening Diversity in Maryland Colleges and Universities: A Legal Roadmap," at Ch. 3 ("Faculty and Staff Diversity") (March 2009)

- Page, Scott E.. (2007). *The Difference: How the Power of Diversity Creates Better Groups, Firms, Schools, and Societies* . Princeton: Princeton University Press.
- Richardson, R. C. and Bender, L. W. (1987). *Fostering Minority Access and Achievement in Higher Education*. San Francisco: Jossey-Bass.
- S. Eckes, "Diversity in Higher Education: The Consideration of Race in Hiring University Faculty," *B.Y.U. Educ. & L. J.* 33 (2005)
- Safarik, L. (2003). Feminist transformation in higher education: Discipline, structure, and institution. *Review of Higher Education*, 26, 419-445.
- Smith, D. C. Turner, N. Osei-Kofi & S. Richards, "Interrupting the Usual: Successful Strategies for Hiring Diverse Faculty," 75 *J. Higher Ed.* 133 (March/April 2004)
- Solem, M., Lee, J., Schlemper, B. (2008). Departmental Climate and Student Experiences in Graduate Geography Programs. *Research in Higher Education Journal* Volume 50, Number 3 / May, 2009, 268-292.
- St. John, E.P., & Noell, J. (1989, December). The effects of student financial aid on access to higher education: An analysis of progress with special consideration of minority enrollment. *Research in Higher Education*, 30(6), 563-581
- Terrell, Melvin. 1992. *Diversity, Disunity, and Campus Community*. Edited by Melvin C. Terrell. Washington, DC: National Association of Student Personnel Administrators, Inc., 1992.
- United States Department of Education. (2007). United States Department of Education Accredited Postsecondary Minority Institutions. Available at <http://www2.ed.gov/about/offices/list/ocr/edlite-minorityinst-list-tab.html>
- United States Department of Education. (2009). White House Initiative on Tribal College and Universities: Tribal Colleges and Universities Address List. Available at <http://www2.ed.gov/about/inits/list/whtc/edlite-tclist.html>
- United States Department of Education. (2010). List of HBCUs-- White House Initiative on Historically Black Colleges and Universities. Available at <http://www2.ed.gov/about/inits/list/whhbcu/edlite-list.html#list>
- United States Department of Education. United States Department of Education Accredited Postsecondary Minority Institutions: Institutions with High Hispanic Enrollment from IPEDS Spring 2007 Survey. Available at <http://www2.ed.gov/about/offices/list/ocr/edlite-minorityinst-list-hisp-tab.html>
- US Department of Education. (2003). *Race-Neutral Alternatives in Postsecondary Education: Innovative Approaches to Diversity*. Available at <http://www2.ed.gov/about/offices/list/ocr/edlite-raceneutralreport.html>.

Faculty

- AAAS & Commission on Professionals in Science and Technology. (2005). *Preparing Women and Minorities for the IT Workforce: The Role of Nontraditional Educational Pathways*. Available at http://www.aaas.org/publications/books_reports/ITW/PDFs/Complete_book.pdf
- Brown-Glaude, Winnifred (ed). 2009. *Doing Diversity in Higher Education: Faculty Leaders Share Challenges and Strategies*. New Brunswick, New Jersey: Rutgers University Press.
- Chism, Nancy. "Taking Student Diversity into Account." In *Teaching Tips: Strategies, Research, and Theory for College and University Teachers*, 9th ed., by Wilbur J. McKeachie, 223-37. Lexington, Mass.: D. C. Heath, 1994.
- Equal Justice Society, "Preserving Diversity in Higher Education: A Manual on Admissions Policies and Procedures After the University of Michigan Decisions," Ch. VII ("Faculty and Staff Hiring") (2004) (available at www.equaljusticesociety.org) http://www.equaljusticesociety.org/compliancemanual/Preserving_Diversity_In_Higher_Education.pdf
- Foote, K. and Solem, M. 2009. Toward better mentoring for early career faculty: Results of a study of U.S. geographers. *International Journal for Academic Development*, 14(1): 47-58.
- J. Alger, "When Color-Blind is Color-Bland: Ensuring Faculty Diversity in Higher Education," 10 *Stan. L. & Policy Rev.* 191 (1998-99)
- Kalivoda, K. S., & Higbee, J. L. (1995). A theoretical model for the prediction of faculty intention to accommodate disabled students. *Journal of the Mid-American Association of Educational Opportunity Program Personnel*, 7(1), 7-22.
- Kalivoda, K. S., & Higbee, J. L. (1998). Influencing faculty attitudes toward accommodating students with disabilities: A theoretical approach. *The Learning Assistance Review*, 3(2), 12-25.
- Mayhew, M. J., & Grunwald, H. E. (2006). Factors contributing to faculty incorporation of diversity related course content. *Journal of Higher Education*, 77, 148-168.

- Minami, D., Gee, J., Lee, L., Wey, N., Kubota, A., Himel, Y., & Kong, C. (1979, April). Confrontation with racism: The Asian Pacific American faculty member and job discrimination. Paper presented at the meeting of the National Association of Asian American and Pacific Education Conference, San Francisco, CA.
- National Research Council, *"To Recruit and Advance: Women Students and Faculty in Science and Engineering"* (2006) (available at http://www.nap.edu/catalog.php?record_id=11624#toc)
- National Science Board. (2003). Broadening Participation in Science and Engineering Faculty. Available at <http://www.nsf.gov/pubs/2004/nsb0441/nsb0441.pdf>.
- Nelson, D. "A National Analysis of Minorities in Science and Engineering Faculties at Research Universities" (Oct. 31, 2007) (available at http://www.now.org/issues/diverse/diversity_report.pdf)
- New Mexico State University. 2007. *"Effective Strategies to Diversify STEM Faculty"* (2007) (developed under NSF grant HDR#043607) (available at http://diversefaculty.nmsu.edu/downloads/guide_online.pdf)
- Office of the Attorney General of Maryland, *"Strengthening Diversity in Maryland Colleges and Universities: A Legal Roadmap,"* at Ch. 3 ("Faculty and Staff Diversity") (March 2009)
- S. Eckes, *"Diversity in Higher Education: The Consideration of Race in Hiring University Faculty,"* B.Y.U. Educ. & L. J. 33 (2005)
- Sadao, K. (2003). Living in two worlds: Success and the bicultural faculty of color. *Review of Higher Education*, 26, 397-418.
- Smith, D. *"How to Diversify the Faculty,"* American Association of University Professors (March 2006) (available at http://www.faculty.diversity.ucla.edu/search/searchtoolkit/docs/articles/Daryl_Smith.pdf)
- Smith, D. C. Turner, N. Osei-Kofi & S. Richards, *"Interrupting the Usual: Successful Strategies for Hiring Diverse Faculty,"* 75 J. Higher Ed. 133 (March/April 2004)
- Solem, M. & K. Foote. (2004). Concerns, attitudes, and abilities of early career geography faculty. *Annals of the Association of American Geographers*, 94 (4), 889-912.
- West, M. and Curtis, J. (2006). AAUP Faculty Gender Equity Indicators. Available at <http://www.aaup.org/NR/rdonlyres/63396944-44BE-4ABA-9815-5792D93856F1/0/AAUPGenderEquityIndicators2006.pdf>
- Zappo, L.E., 1998, A demographic survey relevant to earth-science teachers as mentors and role models for minority students, *Journal of Geoscience Education*, v. 46, p. 368-373.

Departmental Climate

- Ancis, J. R., Sedlacek, W. E., & Mohr, J. J. (2000). Student perceptions of campus cultural climate by race. *Journal of Counseling and Development*, 78, 180–185.
- Cabrera, A. F., Nora, A., Terenzini, P. T., Pascarella, E., & Hagerdorn, L. S. (1999). Campus racial climate and the adjustment of students to college: A comparison between White students and African-American students. *The Journal of Higher Education*, 70, 134–160.
- Clayton-Pedersen, A. R., Parker, S., Smith, D. G., Moreno, J. F., & Teraguchi, D. H. (2007). Making a real difference with diversity: A guide to institutional change. Washington DC: AAC&U Publications.
- Cress, C. M., & Ikeda, E. K. (2003). Distress under duress: The relationship between campus climate and depression in Asian American college students. *NASPA Journal*, 40, 74–97.
- D'Augelli, A. R., & Hershberger, S. L. (1993). African American undergraduates on a predominantly White campus: Academic factors, social networks, and campus climate. *The Journal of Negro Education*, 62, 67–81.
- Harper, S. R., & Hurtado, S. (2007). Nine themes in campus racial climates and implications for institutional transformation. *New Directions for Student Services*, 120, 7–24.
- Hurtado, S., Milem, J. F., Clayton-Pedersen, A. R., & Allen, W. R. (1999). *Enacting diverse learning environments: Improving the campus climate for racial/ethnic diversity*. ASHE/ERIC Higher Education Reports Series.
- Hurtado, S., & Carter, D. F. (1997). Effects of college transition and perceptions of the campus racial climate on Latino college students' sense of belonging. *Sociology of Education*, 70(4), 324-345.
- Hurtado, S. (1992). The campus racial climate: Contexts of conflict. *The Journal of Higher Education*, 63, 539–569.
- Hurtado, S. (1994). The institutional climate for talented Latino students. *Research in Higher Education*, 35, 21–41.
- Hurtado, S. (2001). Linking diversity and educational purpose: How diversity affects the classroom environment and student development. In G. Orfield (Ed.), *Diversity challenged: Evidence on the impact of affirmative action* (pp. 187–203). Cambridge: Harvard Education Publishing Group.

- Hurtado, S. (2002). Creating a climate of inclusion: Understanding Latina/o college students. In W. A. Smith, P. G. Altbach, & K. Lomotey (Eds.), *The racial crisis in American higher education: Continuing challenges for the twenty-first century* (pp. 121–136). Albany, NY: SUNY Press.
- Hurtado, S., & Carter, D. F. (1997). Effects of college transition and perceptions of the campus racial climate on Latino college students' sense of belonging. *Sociology of Education*, 70, 324–345.
- Hurtado, S., & Ponjuan, L. (2005). Latino educational outcomes & the campus climate. *Journal of Hispanic Higher Education* 4:235–51.
- Hurtado, S., Carter, D. F., & Kardia, D. (1998). The climate for diversity: Key issues for institutional self study. *New Directions for Institutional Research*, 98, 53–63.
- Hurtado, S., Maestas, R., Hill, L., Inkelas, K., Wathington, H. D., & Waterson, E. (1998). Perspectives on the climate for diversity: Findings and suggested recommendations for the Texas A & M. Center for the Study of Higher and Postsecondary Education.
- Hurtado, S., Milem, J. F., Clayton-Pedersen, A., & Allen, W. R. (1998). Enhancing campus climates for racial/ethnic diversity: Educational policy and practice. *The Review of Higher Education*, 21, 279–302.
- Hurtado, Sylvia and Milem, Jeffery and Clayton-Pedersen, Alma and Allen, Walter (1999) Enacting Diverse Learning Environments: Improving the Climate for Racial/Ethnic Diversity in Higher Education. ASHE-ERIC Higher Education Report 26(8).
- Joint Center for Political and Economic Studies, Washington, DC. *The Inclusive University: A New Environment for Higher Education*. Lanham, Maryland: University Press of America, 1993.
- Learning Skills Council (LSC) (2006). "National Equality and Diversity Strategy: Widening Participation and Promoting Inclusion, 2001-2004." London: Learning Skills Council. Available at <http://readingroom.lsc.gov.uk/Pre2005/internaladmin/equalitydiversity/national-equality-and-diversity-strategy.pdf>.
- Locks, A. M., Hurtado, S., Bowman, N. A., & Oseguera, L. (2008). Extending notions of campus climate and diversity to students' transition to college. *Review of Higher Education*, 31, 257–285.
- Pewewardy, C., & Frey, B. (2002). Surveying the landscape: Perceptions of multicultural support services and racial climate at a predominantly White university. *The Journal of Negro Education*, 71, 77–95.
- Pike, G. R., & Kuh, G. D. (2006). Relationships among structural diversity, informal peer interactions and perceptions of the campus environment. *The Review of Higher Education*, 29, 425–450.
- Rankin, S. R., & Reason, R. D. (2005). Differing perceptions: How students of color and White students perceive campus climate for underrepresented groups. *Journal of College Student Development*, 46, 43–61.
- Rosser, S.V., 1993, Female friendly science: Including women in curricular content and pedagogy in science, *The Journal of General Education*, v. 42, p. 191-220.
- Sa'enz, V. B. (2005). Breaking the cycle of segregation: The effects of pre-college racial environments on students' diversity experiences in college. Unpublished dissertation, University of California, Los Angeles.
- Solem, M., Lee, J., Schlemper, B. (2008). Departmental Climate and Student Experiences in Graduate Geography Programs. *Research in Higher Education Journal* Volume 50, Number 3 / May, 2009, 268-292.
- Whitmire, E. (2004). The campus racial climate and undergraduates' perceptions of the academic library. *Libraries and the Academy*, 4, 363–378.

Disciplines

Geography

- AAG. (2006). Final Report: An Action Strategy for Geography Departments as Agents of Change: A Report of the AAG Diversity Task Force. Available at: http://communicate.aag.org/eseries/Diversity/DTF_FINAL.pdf
- Association of American Geographers (various years). *Minority Serving Institutions with Geography Programs*. In *AAG Guide to Geography Programs in the Americas* (Washington DC: Association of American Geographers).
- Bailey K., , Beck R., Frohn R., Pleva D., Plumer D., Price M., Krute R., Ramos C., & South R. (2001). Native American Remote Sensing Distance Education Prototype (NARSDEP). *Photogrammetric Engineering and Remote Sensing*. 67(2), 193-197 available at http://www.asprs.org/publications/pers/2001journal/february/2001_feb_193-197.pdf
- Berry, K. and Henderson, M. 2002: Envisioning the nexus between geography and ethnic and racial identity. In Berry, K. and Henderson, M., editors, *Geographical identities of ethnic America: race, space, and place*, Reno, NV: University of Nevada Press, 1–14.

- Bonnett, A. 1997: Geography, 'race' and Whiteness: invisible traditions and current challenges. *Area* 29, 193–99.
- Burroughs, B. S. (2003). Mississippi Choctaw's Use GIS and Mapping to Manage Tribal Lands. International GIS User Conference, San Diego, CA, ESRI. Available at <http://proceedings.esri.com/library/userconf/proc03/p0123.pdf>
- Darden, J.T., & Terra, L. (2003). Black geographers in institutions of higher education: Where they are and a selected bibliography of their works. East Lansing: Department of Geography, Michigan State University.
- Darden, Joe and the AAG Diversity Task Force. 2006. "The AAG's Diversity Task Force Final Report: An Action Strategy for Geography Departments as Agents of Change." Washington, DC: Association of American Geographers. Available at http://communicate.aag.org/eseries/Diversity/DTF_FINAL.pdf
- Deverse, B. E. (2001). Utilizing GIS to Develop Partnerships between Tribes and U.S. Government Agencies. International GIS User Conference, San Diego, CA, ESRI. Available at <http://proceedings.esri.com/library/userconf/proc01/professional/papers/pap641/p641.htm>
- Estaville, L. E., B.J. Brown and S. Caldwell. 2006. Geography undergraduate program essentials: Recruitment. *Journal of Geography* 105 (1):3-12.
- Fitzpatrick, C. 1999. GIS in K-12 classrooms: Real Applications and Real Learning. National Council for Geographic Education Perspective 27(4):4,6.
- Foote, K. and Solem, M. 2009. Toward better mentoring for early career faculty: Results of a study of U.S. geographers. *International Journal for Academic Development*, 14(1): 47-58.
- Foster, E.J., & Boehm, R.G. (2002) Under-representation in Geography: Why We Should and How We Can Do Better. *International Research in Geographical and Environmental Education*, 11(3), 287-291.
- Hartman, J. (2001). GIS and Preservation of Tribal Culture. *Native Geography*: 20-21.
- Herries, J. A Model for the Use of GIS Technology in College and University Admissions Planning. Available at <http://proceedings.esri.com/library/userconf/proc97/proc97/to250/pap218/p218.htm>
- Hickey J.J. (1996). Community college geography: a question of place. *Journal of Geography*. 95(1), 27-31.
- Horton, S., T. Lovitt, T. Slocum. (1988). Teaching Geography to High School Students with Academic Deficits: Effects of a Computerized Map Tutorial. *Learning Disability Quarterly*, Vol. 11, No. 4 (Autumn, 1988), pp. 371-379
- Levasseur, M. (1993). Finding a Way: Encouraging Underrepresented Groups in Geography. An Annotated Bibliography. Pathways in Geography Series Resources Publication, Title No. 5. Available at <http://eric.ed.gov/PDFS/ED383624.pdf>.
- LeVasseur, M. (1999). Students' Knowledge of Geography and Geography Careers. *Journal of Geography*, 1752-6868, Volume 98, Issue 6, 1999, Pages 265 – 271
- Ligocki, Clemenc. "High School Geography and the Need for Communication." *JOURNAL OF GEOGRAPHY* 81 (September-October 1982):188-190.
- Lloyd, W. (2001). Integrating GIS into the Undergraduate Learning Environment. *The Journal of Geography* Sept/Oct. 2001; 100, 5. Available at <http://www.norsknettskole.no/etterutdanning/kurs/captivate/Oleorjan/827/Lloyd2001.pdf>
- Mannel, S., K. Winkelman, S. Phelps, K. Road, and M. Fredenberg. 2007. Applications of a GIS Program to Tribal Research: its Benefits, Challenges and Extensions to the Community. *Journal of Geoscience Education*, v. 55, n. 6, December, 2007, p. 574-580. Available at http://www.nagt.org/files/nagt/jge/abstracts/applications_gis_program_triba.pdf
- Mannel, S., Winkelman, K. (2005). How to set up a GIS program at a tribal college. Available at <http://proceedings.esri.com/library/userconf/proc05/papers/pap1616.pdf>.
- Marble, D., V. Mora, J. Herries. (1994). Applying GIS Technology to the Freshman Admissions Process at a Large University. Available at <http://proceedings.esri.com/library/userconf/proc95/to200/p182.html>
- Murphy, A. Geography's Place in Higher Education in the United States. Available at http://geography.uoregon.edu/murphy/articles/murphy_jghe_manuscript%20with%20figures.pdf
- NativeView. 2006. "Enhancing Tribal College Science Education in Indian Country". (2006). Tribal College Forum V. Available at http://www.nativeview.net/uploads/TCF_V_2006.pdf
- Nellis, M.D. 1994. Technology in geographic education: Reflections and future directions, *Journal of Geography* 93(1): 36-39
- Pulido, L. (2002) Reflections on a white discipline. *Professional Geographer*, 54(1), 42–9.
- Rodrigue, Christine M. 2005. The state of geography and its cognate disciplines in the California State Universities from Fall 1992 through Fall 2004. *The California Geographer* 45: 59-85.
- Sanders, R.(1990) Integrating race and ethnicity into geographic gender studies. *Professional Geographer*, 42(2), 228–31.
- Shrestha, N., & Davis, D., Jr. (1989) Minorities in geography: Some disturbing facts and policy measures. *The Professional Geographer* 41 (4): 410-421.

- Solem, M. & K. Foote. (2004). Concerns, attitudes, and abilities of early career geography faculty. *Annals of the Association of American Geographers*, 94 (4), 889-912.
- Solem, M., Cheung, I., & Schlemper, M. B. (2008). Skills in professional geography: An assessment of workforce needs and expectations. *The Professional Geographer*, 60(3), 356-373.
- Solem, M., Lee, J., Schlemper, B. (2008). Departmental Climate and Student Experiences in Graduate Geography Programs. *Research in Higher Education Journal* Volume 50, Number 3 / May, 2009, 268-292.
- Solís, P., & Richardson, D. (2009). AAG Enhancing Diversity: Progress and Plans. *AAG Newsletter*, 44(2), 2, 4, 12.
- Solís, P., Solem, M., & Richardson, D. (2007) Enhancing Diversity in Geography. *AAG Newsletter*, 42(4), 1-2,5.
- Sommers, B. J. 1997. The freshman year experience and geography: Linking student retention and the introductory geography curriculum. *Journal of Geography* 96: 243-249.
- Sui, D. Z. 1995. A pedagogic framework to link GIS to the intellectual core of geography. *Journal of Geography* 94(6):578-591.
- Winsberg M.D. (1998). Geography Instruction in Florida's community colleges. *Florida Geographer*. (29), 105-110.
- Yazzie, R., P. Craig, B. Aaspas, D. Isely, R. Grey. (1995). Geographic Information System Research Project at Navajo Community College—Shiprock Campus. Available at <http://www.osti.gov/energycitations/servlets/purl/369688-MwFGjE/webviewable/369688.pdf>

Geosciences

- Directorate of Geosciences/National Science Foundation (NSF/GEO), 2000, Strategy for Developing a Program for Opportunities for Enhancing Diversity in the Geosciences (NSF 01–53). Available at http://www.nsf.gov/geo/diversity/geo_diversity_strategy_document_jan_01.jsp
- Fields, C.D., 1998, October, Black geoscientists: Between a rock and a hard place, *Black Issues in Higher Education*, v. 15, p. 16-17.
- Hanks, C, Wartes, D., Levine, R., Gonzalez, R., Fowell, S., and Owens, G., 2007b, Introducing the geosciences to Alaska Natives via the Rural Alaska Honors Institute (RAHI), *Journal of Geoscience Education*, in press.
- Hanks, C., Levine, R., Gonzalez, R., Cole, S., and Wartes, D., 2005, Evaluating the effectiveness of a minority outreach program, *Geological Society of America Annual Meeting*, Salt Lake City, UT.
- Huntoon, J.E. and M. Lane. 2008. Diversity in the Geosciences and Successful Strategies for Increasing Diversity. *Journal of Geoscience Education* 56(5):447-457.
- Huntoon, Jacquelin, Cheryl Peach and Jenelle Hopkins. 2005. “Geoscience Education and Diversity: Vision for the Future and Strategies for Success.” A Report of the Second Geoscience Education Workshop Group, Directorate for Geosciences, National Science Foundation. Available at www.nsf.gov/geo/adgeo/geoedu/GEWGII_Report_sept_2005.pdf.
- Levine, R., R. Gonzalez, S. Cole, M. Fuhrman, K.C. Le Floch. (2007). The Geoscience Pipeline: A Conceptual Framework. *Journal of Geoscience Education*, v. 55, n.6, p. 458-468.
- NSF. 2000. “Strategy for Developing a Program for Opportunities for Enhancing Diversity in the Geosciences.” Arlington, VA: National Science Foundation. Available at http://www.nsf.gov/geo/diversity/geo_diversity_strategy_document_jan_01.jsp
- NSF. 2000. “Report of the Geosciences Diversity Workshop.” Arlington, VA: National Science Foundation. Available at www.nsf.gov/geo/diversity/geo_diversity_workshop_final_report_august_00.jsp.
- Rodrigue, C. (2006). Geography Diversity Initiatives at California State University, Long Beach: The Geoscience Diversity Enhancement Program. *Yearbook of the Association of Pacific Coast Geographers - Volume 69*, 2007, pp. 160-167
- Semken, Steven, 2005, March, Sense of place and place-based introductory geoscience teaching for American Indian and Alaska Native undergraduates, *Journal of Geoscience Education*, v. 53, p. 149-157.
- Tewksbury, B.J., 1995, Connecting the geology of Africa with the prehistoric, historical, political, and economic evolution of the continent as a strategy for teaching introductory geology and attracting minority students to geology, *Journal of Geological Education*, v. 43, p. 492-496.
- Wechsler, S., Whitney, D., Ambos, E., Rodrigue, C., Lee, C., Behl, R., et al. (2005). Enhancing Diversity In The Geosciences. *Journal of Geography*, 104(4), 141-149.
- Whitney, David J.; Behl, Richard J.; Ambos, Elizabeth L.; Francis, Robert D.; Holk, Gregory; Larson, Daniel O.; Lee, Christopher T.; Rodrigue, Christine M.; and Wechsler, Suzanne P. 2005. Ethnic differences in geoscience attitudes of college students. *EOS* 86, 30 (26 July): 277, 279.
- Zappo, L.E., 1998, A demographic survey relevant to earth-science teachers as mentors and role models for minority students, *Journal of Geoscience Education*, v. 46, p. 368-373.

STEM Fields

- Bement, A., and Olsen, K. (2006). Mentoring for Science, Technology, Engineering and Mathematics Workforce Development and Lifelong Productivity: Success Across the K through Grey Continuum. Available at <http://coen.boisestate.edu/research/COEN-Mentoring%20white%20paper9-26-06.pdf>
- BEST (Building Engineering & Science Talent), "A Bridge for All: Higher Education Design Principles to Broaden Participation in Science, Technology, Engineering and Mathematics" (Feb. 2004) (available at http://www.bestworkforce.org/PDFdocs/BEST_BridgeforAll_HighEdFINAL.pdf)
- Campbell, P.K., E. Jolly, L. Hoey, and L.K. Perlman, 2002. Upping the Numbers: Using Research-Based Decision Making to Increase Diversity in the Quantitative Disciplines. GE Foundation, http://www.campbell-kibler.com/upping_the_numbers.pdf
- George, Yolanda, David Neale, Virginia Van Horne, and Shirley Malcom. 2001. "In Pursuit of a Diverse Science, Technology, Engineering, and Mathematics Workforce; Recommended Research Priorities to Enhance Participation by Underrepresented Minorities." A Report Commissioned by the American Association for the Advancement of Science and the National Science Foundation, Washington, DC. Available at <http://ehrweb.aaas.org/mge/Reports/Report1/AGEP/>
- New Mexico State University. 2007. "Effective Strategies to Diversify STEM Faculty" (2007) (developed under NSF grant HDR#043607) (available at http://diversefaculty.nmsu.edu/downloads/guide_online.pdf)
- Payton, F.C., 2004, Making STEM careers more accessible, *Black Issues in Higher Education*, v. 21, p. 90
- Tsui, L. 2007. "Effective Strategies to Increase Diversity in STEM Fields: A Review of the Research Literature," 76 *J. Negro Ed.* 555 (2007)

Underrepresented Groups

Latino / Hispanic

- Attinasi, L. C. (1989). Getting in: Chicanos' perceptions of university going with implications for freshman year persistence. *Journal of Higher Education*. Vol. 60, No 3. May/June 1989. Ohio State University
- Brown, S. E., Santiago, D., & Estela, L. (2003). Latinos in higher education: Today and tomorrow. *Change*, 35(2), 33-39, 40-46.
- Burback, J. J., & Thompson, M. A. (1971). Alienation among college freshmen: A comparison of Puerto Rican, Black and White students. *Journal of College Student Personnel*, 12, 248-252. Butler, D. L. (1995).
- Hurtado, S., & Carter, D. F. (1997). Effects of college transition and perceptions of the campus racial climate on Latino college students' sense of belonging. *Sociology of Education*, 70(4), 324-345.
- Hurtado, S. (1994). The institutional climate for talented Latino students. *Research in Higher Education*, 35, 21-41.
- Hurtado, S. (2002). Creating a climate of inclusion: Understanding Latina/o college students. In W. A. Smith, P. G. Altbach, & K. Lomotey (Eds.), *The racial crisis in American higher education: Continuing challenges for the twenty-first century* (pp. 121-136). Albany, NY: SUNY Press.
- Hurtado, S., & Carter, D. F. (1997). Effects of college transition and perceptions of the campus racial climate on Latino college students' sense of belonging. *Sociology of Education*, 70, 324-345.
- Hurtado, S., & Ponjuan, L. (2005). Latino educational outcomes and the campus climate. *Journal of Hispanic Higher Education*, 4, 235-251.
- Hurtado, S., Carter, D. F., & Spuler, A. (1996). Latino student transition to college: Assessing difficulties and factors in successful college adjustment. *Research in Higher Education*, 37, 135-157.
- Lopez, J. D. (2005). Race-related stress and sociocultural orientation among Latino students during their transition into a predominantly White, highly selective institution. *Journal of Hispanic Higher Education*, 4, 354-365.
- Mintz, Suzanne D., et al. Sources: Diversity Initiatives in Higher Education: A Directory of Programs, Projects, and Services for African Americans, Asian Americans, Hispanic Americans, and Native Americans in Higher Education. Washington, DC: Office of Minorities in Higher Education, American Council on Education, 1993.

- Montalvo, E. J., Jr. (2004). African-American and Latino membership in selected professional associations, 1999-2002. Illustrated paper presented at the annual meeting of the Association of American Geographers, Philadelphia, PA.
- Rochin, R.I. and Mello, S.F., "Latinos in Science," *Journal of Hispanic Higher Education*, Vol. 6, 2007: 305-355.
- Sa'enz, V. B., Ngai, H. N., & Hurtado, S. (2007). Factors influencing positive interactions across race for African-American, Asian-American, Latino, and White college students. *Research in Higher Education*, 48, 1-38.
- Stephan, W. G., & Stephan, C. W. (1989). Antecedents of intergroup anxiety in Asian-Americans and Hispanic-Americans. *International Journal of Intercultural Communication*, 13, 203-219.
- United States Department of Education. United States Department of Education Accredited Postsecondary Minority Institutions: Institutions with High Hispanic Enrollment from IPEDS Spring 2007 Survey. Available at <http://www2.ed.gov/about/offices/list/ocr/edlite-minorityinst-list-hisp-tab.html>

Black / African American

- Benjamin, L. H. (Ed.). (1997). *Black women in the academy: Promises and perils*. Gainesville, FL: University Press of Florida.
- Bennett, C., & Okinaka, A. (1990). Factors related to persistence among Asian, Black, Hispanic, and White undergraduates at a predominately White university: Comparison between first and fourth year cohorts. *Urban Review*, 22(1), 33-60.
- Burbach, J. J., & Thompson, M. A. (1971). Alienation among college freshmen: A comparison of Puerto Rican, Black and White students. *Journal of College Student Personnel*, 12, 248-252.
- Butler, D. L. (1995).
- Cabrera, A. F., Nora, A., Terenzini, P. T., Pascarella, E., & Hagerdorn, L. S. (1999). Campus racial climate and the adjustment of students to college: A comparison between White students and African-American students. *The Journal of Higher Education*, 70, 134-160.
- Cureton, S. (2003). Race-specific college student experiences on a predominantly White campus. *Journal of Black Studies*, 33, 295-311.
- D'Augelli, A. R., & Hershberger, S. L. (1993). African American undergraduates on a predominantly White campus: Academic factors, social networks, and campus climate. *The Journal of Negro Education*, 62, 67-81.
- Darden, J.T., & Terra, L. (2003). Black geographers in institutions of higher education: Where they are and a selected bibliography of their works. East Lansing: Department of Geography, Michigan State University.
- Elabor-Idemuda, P. (2001). Equity issues in the academy: An Afro-Canadian woman's perspective. *Journal of Negro Education*, 70(3), 192-203.
- Feagin, J. R., & Vera, H. (1996). *The agony of education, Black students at White colleges and universities*. New York: Routledge.
- Fidler, P. P. and M. A. Godwin. 1994. Retaining African-American students through the freshman seminar. *Journal of Developmental Education* 17 (3): 34-40.
- Fields, C.D., 1998, October, Black geoscientists: Between a rock and a hard place, *Black Issues in Higher Education*, v. 15, p. 16-17.
- Flemming, J. (1984). *Blacks in college: A comparative study of students' success in Black and White institutions*. San Francisco: Jossey-Bass.
- Freeman, K. (Ed.). (1998). *African American culture and heritage in higher education research and practice*. Westport, CT: Praeger.
- Fries-Britt, S., & Turner, B. (2001). Facing stereotypes: A case study of Black students on a White campus. *Journal of College Student Development*, 42, 420-429.
- Fries-Britt, S., & Turner, B. (2002). Uneven stories: Successful Black collegians at a Black and White campus. *The Review of Higher Education*, 25, 315-330.
- Guiffrida, D. A. (2003). African American student organizations as agents of social integration. *Journal of College Student Development*, 44(3), 304-320.
- Guiffrida, D. A. (2004a). How involvement in African American student organizations supports and hinders academic achievement. *NACADA Journal*, 24(1, 2), 88-98.
- Guiffrida, D. A. (2004b). Friends from home: Asset and liability to African American students attending a predominantly White institution. *NASPA Journal*, 24(3), 693-708.
- Guiffrida, D. A. (2005). To break away or strengthen ties to home: A complex question for African American students attending a predominantly White institution. *Equity and Excellence in Education*, 38(1), 49-60.
- Hanson, S.L., *Swimming Against the Tide: African American Girls and Science Education*. Philadelphia, PA: Temple University Press, 2009.
- Harmon, D. (2002). They won't teach me: The voices of gifted African American inner city students. *Roeper Review*, 24(2), 68-73.

- Hausmann, L. R. M., Schofield, J. W., & Woods, R. L. (2007). Sense of belonging as a predictor of intentions to persist among African American and white first-year college students. *Research in Higher Education*, 48(7), 803-839.
- Horvath, R.J., Deskins, D.R., & Larimore, A.E. (1969). Activity concerning Black Americans in university departments granting M.A. and Ph.D. degrees. *The Professional Geographer* 21: 137-139.
- Ishivama, John. 2007. Expectations and perceptions of undergraduate research mentoring: Comparing first generation, low income White/Caucasian and African American students. *College Student Journal* 41: 510-520.
- Jordan, Diann., 2006, *Sisters in Science: Conversations with black women scientists on race, gender, and their passions for science*, West Lafayette, Indiana, Purdue University Press.
- Mintz, Suzanne D., et al. Sources: Diversity Initiatives in Higher Education: A Directory of Programs, Projects, and Services for African Americans, Asian Americans, Hispanic Americans, and Native Americans in Higher Education. Washington, DC: Office of Minorities in Higher Education, American Council on Education, 1993.
- Montalvo, E. J., Jr. (2004). African-American and Latino membership in selected professional associations, 1999-2002. Illustrated paper presented at the annual meeting of the Association of American Geographers, Philadelphia, PA.
- Paige, S. (1999, August 30). Campus contrasts in black and white. *Insight on the News*, 15, 16-17.
- Payton, F.C., 2004, Making STEM careers more accessible, *Black Issues in Higher Education*, v. 21, p. 90
- Pewewardy, C., & Frey, B. (2002). Surveying the landscape: Perceptions of multicultural support services and racial climate at a predominantly White university. *The Journal of Negro Education*, 71, 77-95.
- Pickron-Davis, M.C. 1999. Black students in community service-learning: Critical reflections about self and identity. Unpublished dissertation, University of Pennsylvania.
- Sa'enz, V. B., Ngai, H. N., & Hurtado, S. (2007). Factors influencing positive interactions across race for African-American, Asian-American, Latino, and White college students. *Research in Higher Education*, 48, 1-38.
- Sims, S. J. (1994). *Diversifying historically Black colleges and universities: A new higher education paradigm*. Westport, CT: Greenwood Press.
- Tewksbury, B.J., 1995, Connecting the geology of Africa with the prehistoric, historical, political, and economic evolution of the continent as a strategy for teaching introductory geology and attracting minority students to geology, *Journal of Geological Education*, v. 43, p. 492-496.
- Townsend, B. L. (2002). Testing while Black: Standards-based school reform and African-American learners. *Remedial and Special Education*, 23(4), 222-230.
- Tsui, L. 2007. "Effective Strategies to Increase Diversity in STEM Fields: A Review of the Research Literature," 76 *J. Negro Ed.* 555 (2007)
- United States Department of Education. (2010). List of HBCUs-- White House Initiative on Historically Black Colleges and Universities. Available at <http://www2.ed.gov/about/inits/list/whhbcu/edlite-list.html#list>
- Ward, T. J. (1990). The African self-consciousness construct and African American students. *Journal of College Student Development*, 31, 492-499.

Asian American

- Bennett, C., & Okinaka, A. (1990). Factors related to persistence among Asian, Black, Hispanic, and White undergraduates at a predominately White university: Comparison between first and fourth year cohorts. *Urban Review*, 22(1), 33-60.
- Cress, C. M., & Ikeda, E. K. (2003). Distress under duress: The relationship between campus climate and depression in Asian American college students. *NASPA Journal*, 40, 74-97.
- Ishivama, John. 2007. Expectations and perceptions of undergraduate research mentoring: Comparing first generation, low income White/Caucasian and African American students. *College Student Journal* 41: 510-520.
- Minami, D., Gee, J., Lee, L., Wey, N., Kubota, A., Himel, Y., & Kong, C. (1979, April). Confrontation with racism: The Asian Pacific American faculty member and job discrimination. Paper presented at the meeting of the National Association of Asian American and Pacific Education Conference, San Francisco, CA.
- Mintz, Suzanne D., et al. Sources: Diversity Initiatives in Higher Education: A Directory of Programs, Projects, and Services for African Americans, Asian Americans, Hispanic Americans, and Native Americans in Higher Education. Washington, DC: Office of Minorities in Higher Education, American Council on Education, 1993.

- Sa'enz, V. B., Ngai, H. N., & Hurtado, S. (2007). Factors influencing positive interactions across race for African-American, Asian-American, Latino, and White college students. *Research in Higher Education*, 48, 1–38.
- Stephan, W. G., & Stephan, C. W. (1989). Antecedents of intergroup anxiety in Asian-Americans and Hispanic-Americans. *International Journal of Intercultural Communication*, 13, 203–219.

American Indian, Pacific Islander, Native American

- Ambler, M., 1999. The Native Student at a Distance, *College Journal of American Indian Higher Education*, 10(3):1-5.
- Bailey K., , Beck R., Frohn R., Pleva D., Plumer D., Price M., Krute R., Ramos C., & South R. (2001). Native American Remote Sensing Distance Education Prototype (NARSDEP). *Photogrammetric Engineering and Remote Sensing*. 67(2), 193-197 available at http://www.asprs.org/publications/pers/2001journal/february/2001_feb_193-197.pdf
- Burroughs, B. S. (2003). Mississippi Choctaw's Use GIS and Mapping to Manage Tribal Lands. International GIS User Conference, San Diego, CA, ESRI. Available at <http://proceedings.esri.com/library/userconf/proc03/p0123.pdf>
- Deverse, B. E. (2001). Utilizing GIS to Develop Partnerships between Tribes and U.S. Government Agencies. International GIS User Conference, San Diego, CA, ESRI. Available at <http://proceedings.esri.com/library/userconf/proc01/professional/papers/pap641/p641.htm>
- Fmaux, J., 1997. The impact of technology on Salish Kootenai College, Wicazo sa review: A Journal of Native American Studies, Special Issue on Technology and Native Culture, 13(2):15-27.
- Hanks, C, Wartes, D., Levine, R., Gonzalez, R., Fowell, S., and Owens, G., 2007b, Introducing the geosciences to Alaska Natives via the Rural Alaska Honors Institute (RAHI), *Journal of Geoscience Education*, in press.
- Hartman, J. (2001). GIS and Preservation of Tribal Culture. *Native Geography*: 20-21.
- Jordan, Diann., 2006, *Sisters in Science: Conversations with black women scientists on race, gender, and their passions for science*, West Lafayette, Indiana, Purdue University Press.
- Mannel, S., K. Winkelman, S. Phelps, K. Road, and M. Fredenberg. 2007. Applications of a GIS Program to Tribal Research: its Benefits, Challenges and Extensions to the Community. *Journal of Geoscience Education*, v. 55, n. 6, December, 2007, p. 574-580. Available at http://www.nagt.org/files/nagt/jge/abstracts/applications_gis_program_triba.pdf
- Mannel, S., Winkelman, K. (2005). How to set up a GIS program at a tribal college. Available at <http://proceedings.esri.com/library/userconf/proc05/papers/pap1616.pdf>.
- Mayhew, M. J., & Grunwald, H. E. (2006). Factors contributing to faculty incorporation of diversity related course content. *Journal of Higher Education*, 77, 148–168.
- Minami, D., Gee, J., Lee, L., Wey, N., Kubota, A., Himel, Y., & Kong, C. (1979, April). Confrontation with racism: The Asian Pacific American faculty member and job discrimination. Paper presented at the meeting of the National Association of Asian American and Pacific Education Conference, San Francisco, CA.
- Mintz, Suzanne D., et al. Sources: Diversity Initiatives in Higher Education: A Directory of Programs, Projects, and Services for African Americans, Asian Americans, Hispanic Americans, and Native Americans in Higher Education. Washington, DC: Office of Minorities in Higher Education, American Council on Education, 1993.
- NativeView. 2006. "Enhancing Tribal College Science Education in Indian Country". (2006). Tribal College Forum V. Available at http://www.nativeview.net/uploads/TCF_V_2006.pdf
- Semken, Steven, 2005, March, Sense of place and place-based introductory geoscience teaching for American Indian and Alaska Native undergraduates, *Journal of Geoscience Education*, v. 53, p. 149-157.
- United States Department of Education. (2009). White House Initiative on Tribal College and Universities: Tribal Colleges and Universities Address List. Available at <http://www2.ed.gov/about/inits/list/whtc/edlite-tclist.html>

Low Income / Socially Disadvantaged

- Choy, S. 2000. *Low-Income Students: Who they are and how they pay for their education*. Washington, DC: U.S. Department of Education, National Center for Education Statistics. <http://nces.ed.gov/pubs2000/2000169.pdf>

- Coleman, A.L., S. R. Palmer, & F. S. Richards, "Federal Law and Financial Aid: A Framework For Evaluating Diversity-Related Programs" (College Board, March 2005) available at http://www.collegeboard.com/prod_downloads/diversitycollaborative/diversity_manual.pdf
- Engle, J., and C. O'Brien. 2007. Demography is not destiny: Increasing the graduation rates of low-income college students at large public universities. Washington, D.C.: The Pell Institute for the Study of Opportunity in Higher Education. Available at http://www.pellinstitute.org/files/files-demography_is_not_destiny.pdf
- Engstrom, C. M. and V. Tinto. 2008. Learning better together: The impact of learning communities on the persistence of low-income students. *Opportunity Matters* 1: 5-21.
- Fenske, R.H., Porter, J.D., & DuBrock, C.P. (2000, February). Tracking financial aid and persistence of women, minority, and needy students in science, engineering, and mathematics. *Research in Higher Education*, 41(1), 67-94. (EJ 601 738)
- Georges, A., 2000, Keeping what we've got: The impact of financial aid on minority retention in engineering, *Hispanic Times Magazine*, v. 23, p. 33-46.
- Ishiyama, J. 2001. Undergraduate research and the success of first-generation, low-income college students. *Council on Undergraduate Research Quarterly*, September 2001: 36- 41.
- Jack Kent Cooke Foundation National Forum. (2006). A Fresh Look at Equity at Selective Colleges and Universities: Expanding Access for Low- Income Community College Transfers. Washington, D.C.
- Nora, A., & Horvath, F. 1989. Financial assistance: Minority enrollments & persistence. *Education and Urban Society*, 21(3), 299-311.
- O'Brien, C., & Shedd, J. (2001). Getting through college: Voices of low-income and minority students in New England. Washington, DC: Institute for Higher Education Policy. (ED 451 770)
- Olivas, M.A. (1999). College prepaid and savings plans: Third generation progress and problems. Working paper. The Institute for Higher Education Law and Governance, University of Houston, Houston, TX.
- Rotberg, I.C., 1990, Resources and reality: The participation of minorities in science and engineering education, *Phi Delta Kappan*, v. 71, p.672-79.
- Sanders, M. G. (Ed.). (2000). *Schooling students placed at risk: Research, policy, and practice in the education of poor and minority adolescents*. Mahwah, NJ: Lawrence Erlbaum Associates.
- St. John, E.P., & Noell, J. (1989, December). The effects of student financial aid on access to higher education: An analysis of progress with special consideration of minority enrollment. *Research in Higher Education*, 30(6), 563-581
- Thayer, P. B. 2000, May. Retention of students from first generation and low income backgrounds. *Opportunity Outlook*: 2-8.

Queer, Gay, Lesbian, Bisexual, Transgender

- Eisner, D. (2000). Homophobia and the demise of multicultural community: Strategies for change in the community college. *ADE Bulletin*, 124, 23-28.
- Engberg, M. E., Hurtado, S., & Smith, G. (2007). Developing attitudes of acceptance toward lesbian, gay, and bisexual peers: Enlightenment, contact, and the college experience. *Journal of Gay & Lesbian Issues in Education*, 4, 49–77.
- Engstrom, C. M., & Sedlacek, W. (1997). Attitudes of heterosexual students toward gay and lesbian peers. *Journal of College Student Development*, 39, 565-576.
- Evans, N. J., & Wall, V. A. (1991). *Beyond tolerance: Gays, lesbians, and bisexuals on campus*. Alexandria, VA: American College Personnel Association.

Women and Girls

- AAAS & Commission on Professionals in Science and Technology. (2005). Preparing Women and Minorities for the IT Workforce: The Role of Nontraditional Educational Pathways. Available at http://www.aaas.org/publications/books_reports/ITW/PDFs/Complete_book.pdf
- Alfred, L.J., Atkins, C., Lopez, M., Chavez, T., Avila, V and Paolini, P., 2005, A science pipeline pathway for training underrepresented students in the biomedical sciences, *Journal of women and minorities in science and engineering*, v. 11, p. 45-60.
- American Association of University Women, 2004. *Under the Microscope: A Decade of Gender Equity Projects in the Sciences*, <http://www.aauw.org/learn/research/upload/underthemicroscope.pdf>

- American Physical Society Committee on the Status of Women in Physics, "Gender Equity Conference: Strengthening the Physics Enterprise in Universities and National Laboratories", <http://www.aps.org/programs/women/workshops/gender-equity/upload/genderequity.pdf>
- Armstrong, E. and Thompson, K., 2003, Strategies for increasing minorities in the sciences; A University of Maryland, College Park Model, *Journal of Women and Minorities in Science and Engineering*, v. 9, p. 159-167.
- Bailey, S., L. Burbidge, P.B. Campbell, B. Jackson, F. Marx, and P. McIntosh, 1992. *The AAUW report: How schools shortchange girls*. Washington, DC: AAUW Educational Foundation & National Education Association.
- Benjamin, L. H. (Ed.). (1997). *Black women in the academy: Promises and perils*. Gainesville, FL: University Press of Florida.
- Brown, S.V., 1994, Underrepresented minority women in science and engineering education, Princeton, NJ: Educational Testing Service.
- Chang, J.C., 2002, June, Women and minorities in the science, mathematics and engineering pipeline. ERIC Digest, Columbus, OH, ERIC Clearinghouse for Community Colleges, EDO-JC-02-06.
- Clewell, B.C., B. Anderson, and M. Thorpe, 1992. *Breaking the barriers: Helping female and minority students succeed in mathematics and science*. San Francisco: Jossey-Bass.
- Commission of Professionals in Science and Technology, *Professional Women and Minorities— A Total Human Resources Data Compendium*, Nov. 2008, www.cpst.org/BlubPWM17F.cfm.
- Committee on Women in Science and Engineering, National Research Council., "From scarcity to visibility: gender differences in the careers of doctoral scientists and engineers. (National Academy Press, Washington, D.C., 2001).
- Congressional Commission on the Advancement of Women and Minorities in Science, Engineering and Technology Development, 2000. *Land of Plenty: Diversity as America's Competitive Edge in Science, Engineering and technology*. Washington, DC: CAWMSET, September. http://www.nsf.gov/pubs/2000/cawmset0409/cawmset_0409.pdf
- CPST and AAAS. (2005). Preparing Women and Minorities for the IT Workforce. Available at http://www.aaas.org/publications/books_reports/ITW/PDFs/Complete_book.pdf.
- Davis, C.-S., A.B. Ginorio, C.S. Hollenshead, B.B. Lazarus, and P.M. Rayman, 1996. *The Equity Equation: Fostering the Advancement of Women in the Sciences, Mathematics, and Engineering*. San Francisco, CA: Jossey-Bass.
- Elabor-Idemuda, P. (2001). Equity issues in the academy: An Afro-Canadian woman's perspective. *Journal of Negro Education*, 70(3), 192-203.
- Fenske, R.H., Porter, J.D., & DuBrock, C.P. (2000, February). Tracking financial aid and persistence of women, minority, and needy students in science, engineering, and mathematics. *Research in Higher Education*, 41(1), 67-94. (EJ 601 738)
- Fox, Mary Frank and Colatrella, Carol, "Participation, Performance, and Advancement of Academic Women in Science and Engineering", *Journal of Technology Transfer* 31, 377-386 (2006).
- Fox, Mary Frank, Colatrella, Carol, McDowell, David and Realff, Mary Lynn, in *Transforming Science and Engineering: Advancing Academic Women*, edited by Stewart, A., Malley, J. and LaVague-Manty, D. (University of Michigan Press, Ann Arbor, 2007).
- Hanson, S.L., *Swimming Against the Tide: African American Girls and Science Education*. Philadelphia, PA: Temple University Press, 2009.
- Huang, G., Taddese, N., and Walter, E., 2000, Entry and persistence of women and minorities in college science and engineering education, Research and Development Report 2000-601, Washington, DC: National Center for Education Statistics, Arlington, VA: Synectics for Management Decisions, Inc.
- Jordan, Diann., 2006, *Sisters in Science: Conversations with black women scientists on race, gender, and their passions for science*, West Lafayette, Indiana, Purdue University Press.
- Kolodny, A. (2000). Women and higher education in the twenty-first century: Some feminist and global perspectives. *NWSA Journal*, 12(2), 130-147.
- Leggon, C.B. 2003. Women of color in IT: Degree trends and policy implications. *IEEE Technology and Society Magazine* Fall 2003:36-42.
- NAS. 2007. *Beyond Bias and Barriers: Fulfilling the Potential of Women in Academic Science and Engineering*. By the Committee on Maximizing the Potential of Women in Academic Science and Engineering, National Academy of Sciences, National Academy of Engineering, and Institute of Medicine. Washington, DC: National Academy of Sciences.
- National Research Council, "To Recruit and Advance: Women Students and Faculty in Science and Engineering" (2006) (available at http://www.nap.edu/catalog.php?record_id=11624#toc)
- Quimbita, G., 1991, Preparing women and minorities for careers in math and science: The role of community colleges, ERIC Clearinghouse for Junior Colleges.

Rosser, S.V., 1993, Female friendly science: Including women in curricular content and pedagogy in science, *The Journal of General Education*, v. 42, p. 191-220.

Task Force on Representation in the Curriculum of the Division of the Psychology of Women, of the American Psychological Association. (1995). "Including Diverse Women in the Undergraduate Curriculum: Reasons and Resources". Available at <http://www.mith2.umd.edu/WomensStudies/ReferenceRoom/including-diverse-women.html>

Persons with Disabilities

Horton, S., T. Lovitt, T. Slocum. (1988). Teaching Geography to High School Students with Academic Deficits: Effects of a Computerized Map Tutorial. *Learning Disability Quarterly*, Vol. 11, No. 4 (Autumn, 1988), pp. 371-379

Kalivoda, K. S., & Higbee, J. L. (1989). Students with disabilities in higher education: Redefining access. *Journal of Educational Opportunity*, 4, 14-21.

Kalivoda, K. S., & Higbee, J. L. (1995). A theoretical model for the prediction of faculty intention to accommodate disabled students. *Journal of the Mid-American Association of Educational Opportunity Program Personnel*, 7(1), 7-22.

Kalivoda, K. S., & Higbee, J. L. (1998). Influencing faculty attitudes toward accommodating students with disabilities: A theoretical approach. *The Learning Assistance Review*, 3(2), 12-25.

Kalivoda, K. S., & Higbee, J. L. (1999). Serving college students with disabilities: Application of the theory of planned behavior. *Academic Exchange Quarterly*, 3(2), 6-16.

Kincaid, J., & Simon, J. (1994). *Issues in Higher Education and Disability Law*. Columbus, OH: Association on Higher Education and Disability.

Kroeger, S., & Schuck, J. (1993). *Responding to disability issues in student affairs*. San Francisco: Jossey Bass.

First Generation

Chen, X. 2005. *First Generation Students in Postsecondary Education: A Look at Their College Transcripts*. Washington, D. C.: U.S. Department of Education, National Center for Education Statistics. Available at <http://nces.ed.gov/pubs2005/2005171.pdf>

Inkelas, K. K., Z. E. Daver, K. E. Vogt, and J. B. Leonard. 2007. Living-learning programs and first-generation college students' academic and social transition to college. *Research in Higher Education* 48 (4): 403-434.

Ishiyama, John. 2007. Expectations and perceptions of undergraduate research mentoring: Comparing first generation, low income White/Caucasian and African American students. *College Student Journal* 41: 510-520.

Ishiyama, J. 2001. Undergraduate research and the success of first-generation, low-income college students. *Council on Undergraduate Research Quarterly*, September 2001: 36- 41.

Jehangir, R. 2008. In their own words: Voices of first-generation college students in a multicultural learning community. *Opportunity Matters* 1: 22-32.

Penrose, A.M. 2002. Academic literacy perceptions and performance: Comparing first generation and continuing-generation college students. *Research in the Teaching of English* 36 (4): 437-461.

Thayer, P. B. 2000, May. Retention of students from first generation and low income backgrounds. *Opportunity Outlook*: 2-8.

General Themes

Key Issues and Best Practices

Carter, D.F., 2006, Key issues in the persistence of underrepresented minority students, *New Directions for Institutional Research*, v. 130, p. 33-46.

Chang, M. J. (2002b). Preservation or transformation: Where's the real educational discourse on diversity? *Review of Higher Education*, 25, 125-140.

- Consortium of Social Science Associations. (2008). Enhancing Diversity in Science: A Retreat to Discuss the Role of Professional Associations and Scientific Societies. Available at: <http://www.cossa.org/diversity/EmergingRecommendations.pdf>.
- Davis, Barbara Gross. "Responding to a Diverse Student Body." Part 2 of Tools for Teaching. San Francisco: Jossey-Bass, 1993.
- de Morsella, T. (2007). Diversity Recruitment Marketing Best Practices Checklist: A Compilation of the Most Effective Marketing Strategies for Diversity Recruitment. Available at <http://www.multiculturaladvantage.com/giveaway/diversity-recruitment-marketing/best-practices-checklist.asp>
- Grandy, J., 1998, Persistence in science of high-ability minority students: Results of a longitudinal study, *The Journal of Higher Education*, v. 69, p. 589-620.
- Hilton, T., Hsia, J., Solorzano, D., and Benton, N., 1988, Persistence in science of high ability minority groups, Princeton, NJ, Educational Testing Service.
- Levine FJ, Abler RF, and Rosich KJ. 2004. "Fostering Diversity in Education in the SBE Sciences." Pp. 67-78 in *Education and Training in the Social, Behavioral, and Economic Sciences: A Plan of Action. A Report to the National Science Foundation*. Washington, DC. (<http://www.nsf.gov/pubs/2004/nsf0442/nsf0442.pdf>)
- McPartland, James M., and Barbara Schneider. *Sociology of Education*, Vol. 69, Extra Issue: Special Issue on Sociology and Educational Policy: Bringing Scholarship and Practice Together (1996), pp. 66-81
- Pike, G. R. (2002). The differential effects of on- and off-campus living arrangements on students' openness to diversity. *NASPA Journal*, 39, 283-299.
- Sagaria, M. A., & Johnsrud, L. K. (1991). Recruiting, advancing, and retaining minorities in student affairs: Moving from rhetoric to results. *NASPA Journal*, 28(2), 105-120.
- Smith, Daryl G. *The Challenge of Diversity: Involvement or Alienation in the Academy?* Washington, DC: School of Education and Human Development, George Washington University, 1989.

Mentoring

- Bement, A., and Olsen, K. (2006). Mentoring for Science, Technology, Engineering and Mathematics Workforce Development and Lifelong Productivity: Success Across the K through Grey Continuum. Available at <http://coen.boisestate.edu/research/COEN-Mentoring%20white%20paper9-26-06.pdf>
- Consortium of Social Science Associations. (2008). Enhancing Diversity in Science: A Retreat to Discuss the Role of Professional Associations and Scientific Societies. Available at: <http://www.cossa.org/diversity/EmergingRecommendations.pdf>.
- D'Augelli, A. R., & Hershberger, S. L. (1993). African American undergraduates on a predominantly White campus: Academic factors, social networks, and campus climate. *The Journal of Negro Education*, 62, 67-81.
- Deverse, B. E. (2001). Utilizing GIS to Develop Partnerships between Tribes and U.S. Government Agencies. International GIS User Conference, San Diego, CA, ESRI. Available at <http://proceedings.esri.com/library/userconf/proc01/professional/papers/pap641/p641.htm>
- Foote, K. and Solem, M. 2009. Toward better mentoring for early career faculty: Results of a study of U.S. geographers. *International Journal for Academic Development*, 14(1): 47-58.
- Guiffrida, D. A. (2003). African American student organizations as agents of social integration. *Journal of College Student Development*, 44(3), 304-320.
- Guiffrida, D. A. (2004a). How involvement in African American student organizations supports and hinders academic achievement. *NACADA Journal*, 24(1, 2), 88-98.
- Guiffrida, D. A. (2004b). Friends from home: Asset and liability to African American students attending a predominantly White institution. *NASPA Journal*, 24(3), 693-708.
- Guiffrida, D. A. (2005). To break away or strengthen ties to home: A complex question for African American students attending a predominantly White institution. *Equity and Excellence in Education*, 38(1), 49-60.
- Ishivama, John. 2007. Expectations and perceptions of undergraduate research mentoring: Comparing first generation, low income White/Caucasian and African American students. *College Student Journal* 41: 510-520.
- Journal of College Student Development*, 40, 377-395. Chang, M. J. (2002). Racial dynamics on campus: What student organizations can tell us? *About Campus*, 7(1), 2-8. Chavez, L. (1999).
- Montalvo, E. J., Jr. (2004). African-American and Latino membership in selected professional associations, 1999-2002. Illustrated paper presented at the annual meeting of the Association of American Geographers, Philadelphia, PA.

- Nagda, B. A., & Zuñiga, X. (2003). Fostering meaningful racial engagement through intergroup dialogues. *Group Processes & Intergroup Relations*, 6, 115–132.
- Pewewardy, C., & Frey, B. (2002). Surveying the landscape: Perceptions of multicultural support services and racial climate at a predominantly White university. *The Journal of Negro Education*, 71, 77–95.
- Zappo, L.E., 1998, A demographic survey relevant to earth-science teachers as mentors and role models for minority students, *Journal of Geoscience Education*, v. 46, p. 368-373.

Benefits of Diversity

- Astin, A. W. (1993). Diversity and Multiculturalism: How are Students Affected? *Change*, 25(2), 44-49.
- Herzberger, S. (2007). When diversity is a tradition: It's not about offering a good orientation program, or fulfilling a course credit or two. *Diverse Issues Higher Education*, 24(22), 43.
- Pascarella, E. T., Palmer, B., Moye, M., & Pierson, C. T. (2001). Do diversity experiences influence the development of critical thinking? *Journal of College Student Development*, 42, 257–271.
- Smith, D.G., & Schonfeld, N.B. (2000) The benefits of diversity: What the research tells us. *About Campus*, 5(5), 16-23.
- Smith, D.G., et al. (1997) *Diversity Works: The Emerging Picture of How Students Benefit*. Washington, DC: Association of American Colleges and Universities.

Workforce and Careers

- AAAS & Commission on Professionals in Science and Technology. (2005). Preparing Women and Minorities for the IT Workforce: The Role of Nontraditional Educational Pathways. Available at http://www.aaas.org/publications/books_reports/ITW/PDFs/Complete_book.pdf
- Bement, A., and Olsen, K. (2006). Mentoring for Science, Technology, Engineering and Mathematics Workforce Development and Lifelong Productivity: Success Across the K through Grey Continuum. Available at <http://coen.boisestate.edu/research/COEN-Mentoring%20white%20paper9-26-06.pdf>
- BEST (Building Engineering & Science Talent), “A Bridge for All: Higher Education Design Principles to Broaden Participation in Science, Technology, Engineering and Mathematics” (Feb. 2004) (available at http://www.bestworkforce.org/PDFdocs/BEST_BridgeforAll_HighEdFINAL.pdf)
- Building Engineering & Science Talent (BEST). A Bridge for All: Higher Education Design Principles to Broaden Participation in Science, Technology, Engineering and Mathematics. San Diego, CA: BEST, February 2004. Available at http://www.bestworkforce.org/PDFdocs/BEST_BridgeforAll_HighEdDesignPrincipals.pdf
- Committee on Women in Science and Engineering, National Research Council., "From scarcity to visibility: gender differences in the careers of doctoral scientists and engineers. (National Academy Press, Washington, D.C., 2001).
- CPST and AAAS. (2005). Preparing Women and Minorities for the IT Workforce. Available at http://www.aaas.org/publications/books_reports/ITW/PDFs/Complete_book.pdf.
- Foote, K. and Solem, M. 2009. Toward better mentoring for early career faculty: Results of a study of U.S. geographers. *International Journal for Academic Development*, 14(1): 47-58.
- George, Yolanda, David Neale, Virginia Van Horne, and Shirley Malcom. 2001. “In Pursuit of a Diverse Science, Technology, Engineering, and Mathematics Workforce; Recommended Research Priorities to Enhance Participation by Underrepresented Minorities.” A Report Commissioned by the American Association for the Advancement of Science and the National Science Foundation, Washington, DC. Available at <http://ehrweb.aaas.org/mge/Reports/Report1/AGEP/>
- Hunter College. Tutorials for Change: Gender Schemas and Science Careers. (2007). <http://www.hunter.cuny.edu/gendertutorial/tutorials.htm>
- Institute of Medicine, “In the Nation’s Compelling Interest: Ensuring Diversity in the HealthCare Workforce” (2004) available at <http://www.iom.edu/Reports/2004/In-the-Nations-Compelling-Interest-Ensuring-Diversity-in-the-Health-Care-Workforce.aspx>
- Jayakumar, U. 2009. “Can Higher Education Meet the Needs of an Increasingly Diverse and Global Society? *Campus Diversity and Cross-Cultural Workforce Competencies*,” 78 Harv. Ed. Rev. 615 (2009)
- Jones, G.H. 2002. Minorities in the scientific workforce. *Science* 296:217.

