

CURRICULUM VITAE

Date 7/1/2010

DR. JOSEPH L. GRAVES, JR.
Associate Dean for Research
Professor of Biological Sciences
Joint School of Nanoscience and Nanoengineering
North Carolina A&T State University
UNC Greensboro
Suite 2200
2901 E. Lee St.
Greensboro, NC 27401

Appointment Date: 7/1/2010

Education

1969-73	Westfield High School, Westfield, NJ Biology
1973-77	Oberlin College A.B., Biology, Concentration in Ecology and Evolutionary Biology.
1977-79	University of Lowell, MS Program Department of Biological Sciences and The Center for Tropical Disease
1979-83	University of Michigan Ph.D. Program, Department of Ecology and Evolutionary Biology
1985-88	Wayne State University Ph.D. Awarded Dec. 15, 1988 Department of Environmental, Evolutionary and Systematic Biology

Fellowships and Scholarships

1973-77	Rotary Club Scholarship, Westfield NJ
1973-77	Oberlin College Academic Scholarship
1978	Josiah P. Macy Foundation Fellowship, Marine Biological Laboratory
1979-82	National Science Foundation Minority Fellowship, University of Michigan
1985-86	Thomas Rumble Graduate Fellowship, Wayne State University
1986	B-Haley Fellowship, Wayne State University, Department of Biological Sciences
1988-89	President's Postdoctoral Fellowship, University of California

Professional Appointments

1990-94	Assistant Professor, Department of Ecology and Evolutionary Biology, University of California, Irvine.
1992-94	Assistant Professor, Program in African-American Studies, University of California, Irvine.
1994-2000	Associate Professor of Evolutionary Biology, Life Sciences, Arizona State University West. Tenure date: March 27, 1996.
1996-2000	Associate Professor, Program in African American Studies, ASU-main.
2000-2004	Full Professor, Life Sciences and African American Studies (promoted April 7, 2000)
Spring 2001	Adjunct Professor, Biological Sciences, Midwestern Osteopathic Medical College, Glendale AZ.
Spring 2002	Visiting Professor, Embry-Riddle Aeronautical University, Prescott AZ.
2004 – 2005	Director University Core and Professor of Biological Sciences, Fairleigh Dickinson University, Teaneck, NJ.

2005 – 6/30/10 Dean, University Studies and Professor of Biological Sciences, North Carolina A&T State University. www.ncat.edu/~univstud

7/1/2010 Associate Dean for Research, Joint School of Nanoscience and Nanoengineering, NCATSU and UNC Greensboro.

Professional Societies:

The Society for the Study of Evolution
The American Society of Naturalists
The Genetics Society of America
The Ecological Society of America
Society for Molecular Biology and Evolution
American Society of Zoologists
American Association for the Advancement of Science (Fellow, 1994-)
American Public Health Association
American Anthropological Association

Honors:

Elected to Fellow of the Council of the American Association for the Advancement of Science
"For original contributions to the evolutionary theory of aging through an examination of its population genetic and physiological basis and for the successful mentoring of minority graduate and undergraduate students in the biological sciences" 1994.

Nomination for Arizona State University Last Lecturer Series, 2001 & 2002.

ASU-West, Faculty/Academic Professional Achievement Award for Research, Scholarship, and Creative Activity, 2002.

Elected to Phi Kappa Phi National Honorary Society, North Carolina A&T State University Chapter, 2005.

Grants

U.C. Irvine

1. Winter 1989 Faculty Cultural Research Grant Proposal, University of California, Irvine. Evolutionary biology, the scientific method, and Black America. Awarded to M.R. Rose laboratory to support research of J.L. Graves.
2. June 1, 1991 Faculty Career Development Award, University of California, Irvine. Laboratory selection in *Drosophila arizonae*.
3. October 1, 1991 Physiology of Postponed Aging, **P.I.'s T. Bradley, J.L. Graves, and M.R. Rose** in NIH Program Project: Postponed Aging in *Drosophila*. M.R. Rose, Director. **Funded 8/1/92 - 6/31/94.**
4. October 1, 1991 Comparative Biology and Genetics of Postponed Aging, **P.I.'s : J.L. Graves** in NIH Program Project: Postponed Aging in *Drosophila*. M.R. Rose, Director. **Funded 8/1/92-6/31/94.**
5. January 15, 1993 Project SMART: Science and Mathematics Articulated Roads Toward Teaching, PEW Charitable Trusts, PI Alan Hoffer, Co-PI for Science, **Dr. J.L. Graves, Jr.** Funded **1/1/93-6/31/94.**
6. November 1993 Nomination NSF Presidential Faculty Fellowship.

7. November 1993 An Integrative Approach to Careers in Evolutionary, Population, and Molecular Genetics. Proposal for Research Careers for Minority Scholars Program, NSF, Human Resource Directorate. **PI's Joseph Graves and Anthony James. Not funded.**
8. January 1994 A National Model for Minority Mathematics and Science Teacher Preparation. Project Director, Alan Hoffer; **PI for Science Education, Joseph Graves.** Proposal for The Comprehensive Program Fund for the Improvement of Postsecondary Education (FIPSE).

ASU-West

9. September 1994 Collaborative Research Program in Evolutionary Physiology, a pre-proposal for the NSF Collaborative Research at Undergraduate Institutions Program. Unreviewed.
10. September 1994 Comparative Biology and Genetics of Aging in Drosophila. Faculty Grant-in-Aid Program. Funded 1994 -95.
11. October 1994 Comparative Biology and Genetics of Aging in Drosophila II. Selection Studies and Resistance to Toxic Materials. Arizona State Disease Research Commission. Funded August 1, 1995 to 1998.
12. November 1994 Comparative Biology and Genetics of Aging in Drosophila II. Selection Studies. Sandoz Foundation for Gerontological Research. Not funded.
13. November 1994 An Integrative Research Program in Evolutionary Physiology, a proposal for the NSF Improvement in Laboratory Instruction, Leadership in Laboratory Development Program. Not funded.
14. November 1994 Pseudoscience, Biology, and the Education of African-American Students. A symposium proposal for the NSF Social Sciences Directorate. Funded March 5, 1995.
15. January 1997 An Integrative Approach to Biomedical Careers, National Institute of General Medical Sciences. National Institutes of Health. Funded September 30th 1997 -99.
16. July – Aug. 1997 Western Alliance to Expand Student Opportunities, Summer Institute. Funded from July 1997 to August 1997.
17. November 1997 The impact of Nicotine on the Genetics of Aging: Exposure and Selection for Resistance. Arizona Disease Control Research Commission. Funded July 1 1998 – June 30th 2001.
18. December 1997 A Pilot Program to Integrate Mathematics and Science Instruction: An Approach Toward Attracting Underrepresented Minorities to Science. PI. Dr. J.L. Graves, with Phoenix Union High School District. Eisenhower Mathematics and Science Education Act. Not funded.
19. January 1998 An Integrative Approach to Biomedical Careers II. National Institute of General Medical Sciences. National Institutes of Health. Unreviewed.
20. October 15, 1998 A Request for Travel Support for Underrepresented Minorities Interested in Pursuing Biomedical Research Careers, Arizona Community Foundation. Not funded.
21. January 1997 An Integrative Approach to Biomedical Careers, National Institute of General Medical Sciences, National Institutes of Health. Renewal funded September 30th 1999 -2002.
22. November 2009 Biocomputational Evolution in Action Consortium (BEACON), Science Technology Center, Director for Education, NCATSU University, National Science Foundation; 2010 – 2015; funding at \$25,000,000; ~ \$2,500,000 to NCATSU.

23. November 2009 Reading for Success (RfS): Walmart Minority Student Success Initiative Proposal, PI's: Drs. Robert Drake and Tracey Ford; Campus Leadership Group (Dr. J.L. Graves Jr.); under review.

Peer Reviewed Publications

1. Luckinbill L.S., J.L. Graves, A. Tomkiw, and O. Sowirka (1988a) A qualitative analysis of some life history correlates of longevity in *Drosophila melanogaster*. **Evolutionary Ecology** 2:85-94.
2. Luckinbill L.S., J.L. Graves, A.H. Reed, and S. Koetsawang (1988b) Localizing the genes that defer senescence in *Drosophila melanogaster*. **Heredity** 60:367-374.
3. Graves J.L., Luckinbill, and A. Nichols. (1988) Flight duration and wing beat frequency in long- and short-lived *Drosophila melanogaster*, **J. Insect Physiol.** 34:1021-1026.
4. Rose, M.R. and J.L. Graves (1989) What evolutionary biology can do for gerontology, **J. Gerontol.** 44, B27-29.
5. Graves, J.L. (1989) Patterns of pleiotropy in *Drosophila melanogaster* selected for postponed senescence. Abstract. Symposium Session, The Evolutionary Biology of Aging, **The Gerontological Society of America**, 42nd Annual Meeting, Minnesota Nov. 18-19.
6. Graves, J.L. and M.R. Rose. (1989) Population Genetics of senescence in *Drosophila*. Life Science Advances: **Life Sciences Advances: Fundamental Genetics** 8:45-55.
7. Rose, M.R. and J.L. Graves. (1990) Evolution of Aging. **Review of Biological Research in Aging** vol. 4:3-14, edited by M. Rothstein, Alan R. Liss, Inc. New York.
8. M.R. Rose, E.W. Hutchinson, and J.L. Graves. (1990) Genetics of Longer-Lived *Drosophila*, **UCLA Symposium on Molecular and Cellular Biology** pp 19-30.
9. Graves, J.L. and M.R. Rose. (1990) Flight duration in *Drosophila melanogaster* selected for postponed senescence. In **Genetic Effects on Aging II.**, Telford Press, Caldwell, N.J.
10. Rose, M.R., J.L. Graves, and E.W. Hutchinson. (1990) The use of selection to probe patterns of pleiotropy in fitness characters. In **Genetics, Evolution, and Coordination of Insect Life Cycles**, Springer-Verlag, Berlin.
11. Rose, M.R., L.N. Vu, S. Park, and J.L. Graves. (1992) Indirect artificial selection can increase longevity in *Drosophila melanogaster*. **Exp. Gerontol.** 27:241-250.
12. Graves, J.L., E. Toolson, C.M. Jeong, L.N. Vu, and M.R. Rose. (1992) Desiccation resistance, flight duration, glycogen and postponed senescence in *Drosophila melanogaster*. **Physiological Zoology** 65(2):268-286.
13. Rose, MR, Tyler RH, Spicer GS, Ayala FJ, Nusbaum TJ, Mueller LD, Graves, JL, and Fleming JE. (1993) Genetic and physiological-mechanisms of postponed aging in *Drosophila*. **J. Cellular Biochemistry** 144-144, suppl. 17D, Mar 13.
14. Graves, J.L. (1993) Evolutionary biology and human variation: Biological determinism and the mythology of race. **Race Relations Abstracts** 18(3):4-34. Sage Publishers.
15. Nusbaum, T.J., J.L. Graves, L.D. Mueller, and M.R. Rose. (1993) Letters; **Science** 260, June 11; In response to Carey et al. vol. 258, 457 (1992).

16. Mueller, L.D., J.L. Graves, and M.R. Rose. Interactions between density-dependent and age-specific selection in *Drosophila melanogaster*. **Functional Ecology** 7:469-479.
17. Graves, J.L. and L.D. Mueller. Population density effects on longevity. **Genetica** vol. 91 pp. 99-109.
18. Tyler, R., H. Brar, M. Singh, A. Latorre, J.L. Graves, L.D. Mueller, M.R. Rose, and F. Ayala. The effect of Superoxide Dismutase on aging in *Drosophila*. **Genetica** vol. 91 pp. 143-146.
19. Graves, J.L. (1993) The costs of reproduction and dietary restriction in mammals. **Growth, Development, and Aging** 57(4):233-249.
20. Graves, J.L. (1994) Materialist philosophy, Evolutionary Biology, and African-American Students I: My statement of the problem." in: **Proceedings National Research Conference on African-American Studies, University of Oklahoma , Norman, Oklahoma**, November 19 - 21, 1992. pp. 22-42.
21. Graves, J.L. and J. Leigh (1994) Materialist philosophy, Evolutionary Biology, and African-American Students II: Empirical Evidence, in: **Race in a Global Society; University of Oklahoma Symposium in African-American Studies**, November 1993.
22. Graves, H. Paciotti, L. Matzkin, and B. Joos. (1993) Mating status, physiological performance, and fitness in *Drosophila arizonae*. **Abstract in American Zoologist** vol. 33(5):114A.
23. Graves, J.L. and L.D. Mueller (1995) Population density effects on longevity revisited: A note in response to Density and Age-specific Mortality by J.W. Curtsinger. **Genetica** 96(3):183-186.
24. Graves, J.L. and T. Place (1995) Race and IQ revisited: Figures never lie, but often liars figure. **Sage Race Relations Abstracts** Vol. 20(2):4-50.
25. Graves, J.L. (1995) Science, undergraduate education, and African American students in the 21st century. **Perspectives** 25(2)70-88.
26. Graves, J.L. and A. Johnson. (1995) The pseudoscience of Psychometry and the *Bell Curve* Special Issue: Myth and Realities: African Americans and the Measurement of Human Difference. **The Journal of Negro Education** vol. 64(3):277-294.
27. Graves, J.L. (1997) Chapter 4. General Theories of Aging: Unification and Synthesis, in *Principles of Neural Aging*. Pp. 35-55. Eds. Sergio F. Dani, MD., Akira Hori, MD., and Gerhard F. Walter, MD, Ph.D. Elsevier Press.
28. Graves, J.L. *The Emperor's New Clothes: Biological Theories of Race at the Millenium*. Rutgers University Press, 2001.
29. Graves, J.L. (2002) The misuse of life history theory: J.P. Rushton and the pseudoscience of racial hierarchy. In J. Fish ed. *Understanding Race and Intelligence*, Lawrence Erlbaum Associates, pp. 43 - 57.
30. Graves, J.L. (2002) The Last Battlefield: Biological Theories of Race and the Future of American Society, in L. May, S. Collins-Chobanian, and K. Wong, Editors; *Applied Ethics: A Multicultural Approach* (New York: Prentice Hall, 2002, pp. 422-433.)
31. Graves, J.L. (2002) *What a tangled web he weaves: Race, reproductive strategies, and Rushton's life history theory*. **Anthropological Theory**, Sage Publishers, vol. 2(2): 131-154.

32. Graves, J.L. (2002) Scylla and Charybdis: Adaptationism, reductionism, and the fallacy of associating race with disease, in Rachel Ankeny and Lisa Parker eds. *Medical Genetics: Mutating Concepts and Evolving Disciplines*, Amsterdam: Kluwer Academic Publishers.
33. Graves, J.L. (2002) Between a Rock and a Hard Place: Teaching the Biological and Social Construction of Race, in Bonnie Tu-Smith ed., *Race in the Class Room: Politics and Pedagogy*, New Brunswick, NJ: Rutgers University Press, pp. 299-31.
34. Graves, J.L., *The Race Myth: Why We Pretend Race Exists in America*, (New York, NY: Dutton Books), 2004.
35. Graves, J.L. (2004) "Race" for *The Encyclopedia of the World's Minorities*, Robin L. Rone, Commissioning Editor, Fitzroy Dearborn Publishers, 919 N. Michigan Avenue, Suite 760, Chicago, IL 60611.
36. Graves, J.L. (2004) "Creole" for *The Encyclopedia of the World's Minorities*, Robin L. Rone, Commissioning Editor, Fitzroy Dearborn Publishers, 919 N. Michigan Avenue, Suite 760, Chicago, IL 60611.
37. Graves, J.L. (2004) "The Civil War, US" for *The Encyclopedia of the World's Minorities*, Robin L. Rone, Commissioning Editor, Fitzroy Dearborn Publishers, 919 N. Michigan Avenue, Suite 760, Chicago, IL 60611.
38. Graves, J.L. (2004) "Environmental Racism" for *The Encyclopedia of the World's Minorities*, Robin L. Rone, Commissioning Editor, Fitzroy Dearborn Publishers, 919 N. Michigan Avenue, Suite 760, Chicago, IL 60611.
39. Deckert-Cruz, D.J., Matzkin, L.M., Graves, J.L., and Rose, M.R., Electrophoretic Analysis of Methuselah flies from Multiple Species, in *Methuselah Flies*, ed. M. Matos and M.R. Rose, 2004.
40. Graves, J.L., *The Race Myth: Why We Pretend Race Exists in America*, soft cover edition with a new preface by the author (New York, NY: Dutton Books), 2005.
41. Graves, J.L. *The Emperor's New Clothes: Biological Theories of Race at the Millennium*, soft cover edition, 2nd printing with a new preface by the author, Rutgers University Press, 2005.
42. Graves, J.L., What we know and what we don't know: Human Genetic Variation and the social construction of race, for *Is Race Real?*, a collection of essays solicited by The Social Science Research Council, edited by Craig Calhoun, President Social Science Research Council, April 6th 2005.
43. Graves, J.L. (in press) Science in the Belly of the Beast: A Look Back at My Career in the Academy, in *Voices of Black American Pioneers*, V.L. Farmer and E. Shepherd-Wynn Eds., (Santa Barbara, CA: ABC CLIO.)
44. Graves, J.L. and Rose, M.R. (2006) Against Racial Medicine, *Patterns of Prejudice* vol. 40 (4-5): 481-493, Sander Gilman editor.
45. Graves, J.L., (2007) Basketball, in *Encyclopedia of Race and Racism*, Macmillan Reference USA, Gale-Cengage Learning.
46. Graves, J.L., (2007) Hans Eysenck, in *Encyclopedia of Race and Racism*, Macmillan Reference USA, Gale-Cengage Learning.
47. Graves, J.L., (2007) Track and Field, in *Encyclopedia of Race and Racism*, Macmillan Reference USA, Gale-Cengage Learning.

48. Graves, J.L., (2007) US Civil War Politics, in *Encyclopedia of Race and Racism*, Macmillan Reference USA, Gale-Cengage Learning.
49. Graves, J.L., (2007) Boxing, in *Encyclopedia of Race and Racism*, Macmillan Reference USA, Gale-Cengage Learning.
50. Graves, J.L., (2007) "Niggers: Old and New", A response to: "Sticks and Stones May Break My Bones..." Airbrushing the Ugliest of Ugly in African American Children's Books, by Neal Lester, in Obsidian III Literature in the African Diaspora Vol. 3, No. 2 Fall-Winter 2002, in *Once Upon a Time in a Different World: Issues and Ideas in African American Children's Literature (Children's Literature and Culture)*, Routledge Press.
51. Graves, J.L. and Bailey, G.L., (2009) Evolution, Religion, and Race: Critical Thinking and the Public Good, *Forum on Public Policy: A Journal of the Oxford Round Table*; <http://forumonpublicpolicy.com/summer08papers/reisum08.html>.
52. Graves, J.L., Biological V. Social Definitions of Race: Implications for Modern Biomedical Research, *Review of Black Political Economy*, DOI: 10.1007/s12114-009-9053-3, 2009.
53. Graves, J.L., Evolutionary versus Racial Medicine: Why it Matters? In *Race and the Genetic Revolution: Science, Myth and Culture*, edited by Sheldon Krinsky and Kathleen Sloan, Columbia University Press, in press.
54. Graves, J.L., Race in D. Williams, *Race, Ethnicity, and the Criminal Justice System*, (Sudbury, MA: Jones and Bartlett Learning), 2010.
55. Goeke, J., Slade, J, and Graves, J.L., Pioneering General Education Reform at North Carolina A&T State University: Teaching Students to Think and Write Critically on a Historically Black Campus." Submitted to *The Journal of General Education*, 2010.

Book Reviews, Letters, and popular articles:

Graves, J.L. (1994) *Human Longevity?* Book Review of *Human Longevity*, David W.E. Smith M.D., Oxford University Press, 1993. in **The Quarterly Review of Biology** 69(4):566-567.

Graves, J.L. (1995) Review: *The DNA Mystique: The Gene as a Cultural Icon*. by Dorothy Nelkin and M. Susan Lindee, Freeman Press for **Chemical and Engineering News**, Corresponding Editor: Mairin Brennan, Senior Editor, **C&EN** . August 14, pp.30-32.

Graves, J.L. (1997) *The Clock of Aging*, Book Review of *The Clock of Aging*, by John J. Medina, in **The Quarterly Review of Biology** Vol. 72(3): 357-8.

Graves, J.L., (1997) Race and IQ in the 90's: A Grim Testament to a Naked Emperor, for **Opportunity Journal**, Magazine of the National Urban League, Lee Daniels editor.

Graves, J.L. (1998) Internet Divide in Letters to the Editor, **Science** vol. 281, p. 921.

Graves, J.L. (2002) Foreword in *Evolutionary Psychology and Violence: A Primer for Policymakers and Public Policy Advocates*, Richard W. Bloom and Nancy K. Dess, Editors, A volume in the Praeger/Greenwood series, *Psychological Dimensions to War and Peace* (Harvey J. Langholtz, Editor.)

Graves, J.L. "The Biological Case Against Race", in **American Outlook** magazine, spring 2002.

Graves, J.L. "Why we should teach our students about race", **The Natural Selection**: newsletter of the Biological Sciences Curriculum Study, Winter 2002, and reprinted in: **Reports of the National Center for Science Education**, May/June 2002, pp. 23-26.

Graves, J.L. and Rose, M.R., Personal does not equal "racial", *Diverse*, Inc., CMA Publishing, June 13, 2006.

Graves, J.L., EVOS Blog: *Making Sense of Biology*, <http://evostudies.org/blog/?author=8>; July 2009 – Present.

Manuscripts in Preparation

Gentry, A, Han, J. Graves, J.L, Genistein and its effects on Breast Cancer Cells, (in prep.)

Graves, J.I. (Associate Editor), *Encyclopedia of Race and Racism*, 2nd Edition, Macmillan Reference USA, Gale-Cengage Learning, 2011.

Bailey, G, Graves, J.L, Han, J, and Wright, D, Religiously Expressed Fatalism and the Perceived Need for Science and Scientific Process to Empower Agency, for International Science and Society Conference, in prep.

Graves, J.L., (in prep) *Race 101: What Every College Student Should Know About Race*, for Rutgers University Press, Doreen Valentine, Acquisitions Editor.

Graves, J.L., and Bailey, G., (in prep) Creation Narratives, Socially Constructed-Race, and Human Genetic Variation, for *Evolution: Education and Outreach*.

K. Weber*, J. Graves, R. Eisman, J. Harmon and B. Goodwin, Results of Long-Term Selection Experiments with *Drosophila*, in prep.

Administrative Experience

- (1) Acting Associate Director, Howard Hughes UBSMART Program, University of California, Irvine. Summer 1991.
- (2) California Alliance for Minority Participation, (CAMP), Director, Transfer Students Program, September 1992 – 1994
- (3) Chair, Arizona State University West, Dept. of Life Sciences, Articulation Committee, Fall semester 1994.
- (4) Chair, Arizona State University West Student Retention Committee, Fall 1995 - 1996.
- (5) Member Management Leadership Team, Phoenix Urban Systemic Initiative, National Science Foundation Project.
- (6) Arts and Sciences Promotion and Tenure Committee, Fall 1996 – 1998, Chair 1997-8 Committee.
- (7) Co-chair Martin Luther King Week committee 1995-98.
- (8) Director of ASU-West, Bridges Program, funded by An Integrative Approach to Biomedical Careers, National Institute of General Medical Sciences, National Institutes of Health, PI: Dr. Joseph I. Graves, Jr., September 30th 1997 - 2002.
- (9) Coordinator, Program in Ethnic Studies, ASU-West, August 1, 1998 – July 31, 1999.
- (10) University Core Director, Fairleigh Dickinson University, Teaneck Campus, August 2004 – 2005.

(11) Dean, University Studies, North Carolina A&T State University, fall 2005 – Present.

Teaching Experience

University of California, Irvine.

Graduate Seminar 202 1992
Biology 94, The Diversity of Life, 1992-4
African-American Studies: The Natural and Social Sciences Social Sci. 51b 1993-94.
Evolutionary Ecology, Bio 324. 1994

ASU-West

The Biology of Aging, Fall 1994,1996.
General Genetics, Biology 340, Spring 2002 - 1996.
Independent Study Biology of Aging, Biology 499, 1994 - 1997.
Genes, Race, and Society, Spring 2002 - 1995.
The Life Sciences, History and Method. Summer Minority Science Institute, 2002 - 1997.
Capstone in the Life Sciences, Spring 2000, 1998, 1999.
Organic Evolution, Fall 2001, 2000, 1999, 1998.

ASU-Main

Genes, Race, and Society, African American Studies, Afr. Am. 363, Spring 2001 - 1998.

Midwestern Osteopathic Medical College (adjunct faculty)

Fall 2000, Medical Ethics, Lectures on Genetic Testing.
Spring 2001, Darwinian Medicine

Embry-Riddle Aeronautical University (Visiting Professor)

Spring 2002, Evolution, Revolution, and Change.
Senior Seminar: Darwinian Medicine
Genes, Race and Society

Fairleigh Dickinson University

Fall 2004, The Global Challenge (University Core, 75% on-line.)
Biology II, 1204 (Freshman)
Evolution 6375 (Graduate)

Spring 2005, The Global Challenge (University Core, 75% on-line)
Biology II

North Carolina A&T State University

Spring 2006, Biol 665: Evolution (upper division & graduate students)
Fall 2006, UNST 130: Analytical Reasoning (University Studies, Freshman)
Spring 2007, UNST 130: Analytical Reasoning (University Studies, Freshman)
UNST 140: African American Experience (University Studies, Freshman)
Fall 2007 – Sp 2010, UNST 209: Disparities in Public Healthcare: Race, Class, & Gender (University Studies, sophomore.)

Fall 2009

UNST 301: Evolutionary Medicine (University Studies, sophomore – junior)

Undergraduate honors students sponsored or mentored

(Bridges Students are Listed at Program Web Site)

ASU (Non-Bridges Students)

1998-2001 Erin Harvey, Arizona State University West, Honors College
1999-2000 Tamara Johnson, Arizona State University West Honors College
1997-1999 Darlene Bloom, Life Sciences, ASU-West
1997-1999 Hicks, Zoology, ASU-Main
1997-1999 Erica White, Zoology, ASU-Main
1996-1998 Angela Bandy, Zoology, ASU-Main
1996-1998 Mairie MacIntryre, Zoology, ASU-Main
1996-1998 Kristin Kopenbrink, Zoology, ASU-Main
1996-1998 Thao Pham, Honors College, ASU-Main
1996-1998 Frederick Manfredsson, Zoology, ASU-Main
1995-1997 Jake Green, Zoology, ASU-Main
1995-1997 Jesse Durbin, Life Sciences, ASU-West
1995-1997 Denise Baker, Life Sciences, ASU-West
1995-1997 Rosie Schuh, Life Sciences, ASU-West
1995-1997 Jessica Grill, Zoology, ASU-Main
1995-1997 William Whitmire, Hughes Undergraduate Research Program, Arizona State University West
1994-1996 Jennifer Simon, Life Sciences, ASU-West
1995 Mandy Johnson, Honors Program, ASU-Main

UCI

1994 Joori Kim, acceptance Dentistry: University of Pennsylvania
1994 Maria Rocha, Undergraduate Mentorship Program, CAMP.
1994 Blanca Banuelos, Undergraduate Mentorship Program, CAMP.
1994 Anhthu Hoang, Sigma Xi Scientific Honorary Society, Excellence in Research School of Biological Sciences, Acceptances: University California, Berkeley; Integrative Biology; Regent's Fellowship; University California, Irvine; Dept. Ecology & Evolutionary Biology; University of Washington, Dept. Zoology.
1994 Diana Friend, Sigma Xi Scientific Honorary Society, Excellence in Research School of Biological Sciences. Acceptances, Medical School: University California, Irvine; Loyola University, Tufts, etc.
1994 Burak Ozgur, Sigma Xi Scientific Honorary Society, Excellence in Research School of Biological Sciences.
1994 John Choi, Sigma Xi Scientific Honorary Society, Excellence in Research School of Biological Sciences.
1994 Renata Lahner, Howard Hughes Biomedical Fellowship, Sigma Xi Scientific Honorary Society, Excellence in Research School of Biological Sciences. Acceptances: University of California, Los Angeles Dept. Physiology.
1994 Luciano Matzkin, Sigma Xi Scientific Honorary Society, Excellence in Research School of Biological Sciences.
1994 Mai-Tram Nguyen, Sigma Xi Scientific Honorary Society, Excellence in Research School of Biological Sciences.
1994 Chan Nguyen, Sigma Xi Scientific Honorary Society, Excellence in Research School of Biological Sciences.
1993 Khalid Chanell, Howard Hughes Biomedical Fellowship, Campuswide Honors Program, UCI varsity basketball, acceptance Stanford University Medical School.
1993 Norena Shaw, NIH Minority Undergraduate Research Award, 1993 - 1995, graduation 1995.

- 1993 Heather Paciotti, Summa Cum Laude, Sigma Xi Scientific Honorary Society, Excellence in Research School of Biological Sciences.
- 1993 Chau Hoang, Sigma Xi Scientific Honorary Society, 2nd Place Poster Competition for Excellence in Research School of Biological Sciences, attending Harvard Dental School.
- 1993 Huy Tran, Sigma Xi Scientific Honorary Society, Excellence in Research School of Biological Sciences
- 1992 Jorge Nieva, Howard Hughes Biomedical Fellow, School of Biological Sciences Honors in Research, Acceptance in Ohio State, St. Louis University, and U. Alabama, Birmingham Medical Schools.
- 1992 Thuy Pham, School of Biological Sciences Honors in Research, Acceptance both USC and Northwestern Dentistry.
- 1991 Tanya Blanton, Howard Hughes Biomedical Fellowship, Pregraduate Mentorship Award, Minority Summer Internship Award, UCI, graduation 1992. The University of Iowa Medical School, full scholarship. Graduated 1995.
- 1991 Phuong Tran, Honors in Research, UCI, Chicago Medical College, 1991.

Graduate Education and Students

1. Committee Member, Paul Turner, Dept. Ecology and Evolutionary Biology, University of California, Irvine. July 1990 - July 1991. Ph.D. awarded 1995.
2. Committee Member, Curtis Rooks, Dept. of Comparative Culture, University of California, Irvine. July 1991.
3. Outside Examiner, Dept. English and Comparative Literature, July 1990 to present.
4. Committee Member, Leticia Cano, Dept. Molecular Biology and Biochemistry, University of California, Irvine.
5. Chair, Fred Simmons, Dept. Ecology and Evolutionary Biology, University of California, Irvine.
6. Chair, Denise Deckert, Dept. Ecology and Evolutionary Biology, University of California, Irvine.
7. Committee Member, Teri Williams, Dept. of Biochemistry, ASU-Main, Defense November 2001.

Postdoctoral Researchers

1. Dr. Barbara Joos, Ph.D. 1993, Dept. Ecology and Evolutionary Biology, University of California, Irvine. NIH, Comparative Biology of Aging in *Drosophila*.
2. Karen Medville, Dept. of Life Sciences, Arizona State University West, June 1995.

University/Community Service and Committees

UCI

- (12) Academic Senate, Committee on Faculty Affirmative Action 1991 - 92, TOPS committee Fall 1991.
- (13) Co-founder African American Studies Program, University of California, Irvine. Member of Steering Committee, Winter 1990 - June 1994, author of African American Studies Core, the Natural Sciences.
- (14) NIH Western Regional Conference, Office of Minority Programs, "Increasing the Pipeline of Minorities in Biomedical Research Careers", Aug. 22, 1991. San Diego.
- (15) Faculty Mentor Undergraduate Research Internship Program, 1991.
- (16) Faculty Mentor Minority Summer Undergraduate Research Internship Program, 1991.

- (17) Faculty Mentor Cross Cultural Center Program, UCI, Fall 1991,1992.
- (18) Affiliated faculty, Women's Studies, University of California, Irvine.
- (19) National Advisory Board, Biological Sciences Curriculum Study (BSCS), Fall 1991.
- (20) University recruitment, Division of graduate studies, University of California. Oct 13 - 15. Clark Atlanta University Complex.
- (21) UCI Program for Outstanding High School Students, Feb. 1992.

ASU-West

- (22) Member Arizona State University West, Dept. of Life Sciences, Executive Committee, Fall semester 1994.
- (23) Member Arizona State University West, Dept. of Life Sciences, Curriculum Committee, Fall semester 1994.
- (24) Member, ASU-West Provost Search Committee, Summer 1995-
- (25) Member, Executive Committee, ASU Black Faculty and Staff Organization.
- (26) Finalist, Director of African American Studies Search, ASU-Main, 1996.
- (27) The Social Construction of Race, September 2nd 1998, for Racial Legacies Grant, Dr. Mildred Garcia Coordinator, ASU-West.
- (28) Faculty Respondent, Racial Legacies, October 6th 1998.
- (29) Scylla and Charybdis: The Fallacy of equating race with disease. In preparation for Provost Lecture Series on Diversity. Presentation includes integration of biological, social, and theatrical perspectives on "race", medicine, and disease.

Professional Activities

1. Reviewer, NIH Minority Access to Research Careers Grants, 1990.
2. Panel Member, NSF Instrumentation and Laboratory Improvement, USEME. 1990.
3. Panel Member, NSF Undergraduate Course and Curriculum Development Program, November 1991, Chair of panel, August 1992.
4. Reviewer, for **Evolution** and **Genetics**, manuscripts concerning life history evolution, David Resnick and Andy G. Clark, consulting editors. 1990 - 92.
5. Participant, Strategies for Identification and Characterization of Longevity Assurance Genes Workshop, Sponsors: Biology of Aging Program: National Institutes of Aging and The Glen Foundation for Medical Research. National Academies of Science and Engineering, Beckman Conference Center, Irvine CA. June 11-13, 1991.
6. Panel member, NSF Physiological and Functional Ecology Section, 1992 - 1995.
7. Panel Member, National Research Council, Minority Graduate Fellowships, 1993.

8. Reviwer, Insect Molecular Biology, Dr. Anthony James, Consulting Editor.
9. Reviewer, Developing Biological Science Literacy: A Guide to Developing Secondary and Post-Secondary Biology Curricula, 1993 BSCS.
10. Co-organizer: Science under Segregation Symposium for AAAS Annual Meeting 1995, Atlanta Georgia.
11. Reviewer for Biology 4th. Ed., Neal Campbell, Benjamin Cummings Publishing Co. 1994.
12. Member, Arizona Department of Education, Ad-hoc Committee for the Curriculum Frameworks grant, September 1994 - present.
13. Member, Management Leadership Team, Phoenix Urban Systemic Initiative, August 1994 - 95.
14. Advisory Committee, Sickle Cell Anemia Foundation of America, Arizona Chapter, April 28th, 1995.
15. Secretary, American Society of Zoologists, Section on the History and Philosophy of Science 1995-
16. Advisory Board, **WETA** Production: The Science of Difference, Fall 1995-present.
17. Secretary, Division for Integrative and Comparative Ideas, Society for integrative and Comparative Biology (formerly ASZ). 1996 - 1999.
18. Nomination, American Association for the Advancement of Science (AAAS) Section G, Biological Sciences, Nominating Committee.
19. Poster judge, 1999 AAAS Annual Meeting and Science Innovation Exposition, Section G, Biological Sciences, Anaheim, CA.
20. Nomination, January 2000, Delegate to the General Council, AAAS.
21. Participant, January 2000, Panel on minority under-representation in the Society of Integrative and Comparative Biologists.
22. Member, Society of the Study for Evolution, Education Committee.
23. Panel Member, ELSI Human Genome Project Grants, NIH, March 2002.
24. Panel Member, Secretary's Committee on Genetic Testing, Race and Ethnicity in genetic Testing, March 2002.
25. Member, Advisory Committee, Dartmouth College, Teaching Ethical, Social, and Legal Issues of the Human Genome Project, 2003 – 2005.
26. Speaker, Emerging Scholars Conference, University of Pennsylvania, September 14th 2002.
27. Participant, *Race and Human Variation: Setting an Agenda for Future Research and Education*, sponsored by the National Science Foundation and the American Assoc. of Anthropologists, September 12 – 14, 2004, Arlington, VA..
28. Visiting Faculty Member, 2005 International Graduate Summer Seminar, "Interrogating the African Diaspora" , Florida International University, Jean Rahier organizer.

29. The New Genetics and the Trans-Atlantic Slave Trade Working Group, W.E.B. DuBois Institute, Harvard University, co-chairs Drs. Henry Louis Gates and Evelyn Hammond, Fall 2006 – present.
30. Economic and Social Research Council, UK: Race and Genomics, University of Edinburgh, October 2006.
31. Faculty member, American Association of Colleges & Universities (AAC&U) General Education Institute, May 2007 - Present.
32. Challenging Assumptions Conference, Pacific Institute for Ethics and Social Policy, University of the Pacific, October 2007.
33. Editorial Board, *Evolution: Education and Outreach*, 2007-present.
34. Chair, Senior Advisory Board: National Center for Evolutionary Synthesis (NESCENT) at Duke University, 2009 - 2011.
35. Member, Global Modules Project, partners Zayed University, United Arab Emirates; University of Alcala, Spain; North Carolina A&T, U.S.A.; University of Jordan, Jordan; Al Akhawayn University, Morocco; Kenyatta University, Kenya; Goteborg University, Sweden; Corvinus University, Hungary; and Champlain College, U.S.A.

Distinguished Lectures and Selected Seminars

June 1991, 1992 **National Youth Science Camp, West Virginia.**

Nov 7 – 10, 1991, *The Inclusive University: Multicultural Perspectives in Higher Education: Integrating multicultural perspectives into the sciences and math.* Oakland, **California State University, Hayward.**

"*The physiological and biochemical basis of evolutionarily postponed senescence in Drosophila melanogaster*".

"*African American science education: My statement of the problem.*"

May 11, 1993 Distinguished Lecturer; **University of Cincinnati**; sponsored by The Department of Anatomy and Cell Biology, Office of the Dean College of Medicine, and the Senior Vice President and Provost for Health Education.

June 20, 1993 Symposium in Evolutionary Physiology, sponsored by **Society for the Study of Evolution**, Ray Huey and Larry Harshman, Co-chairs. SSE, ASN, SSB Meetings, Snowbird, Utah.

"*Is Race a Legitimate Concept for Science?*"

Feb. 20, 1995 Biological Diversity Track. The 1995 Annual Meeting and Science Innovation Exposition. **American Association for the Advancement of Science.** Atlanta, Georgia.

Race and IQ revisited: Figures never lie, but often liars figure.

Feb. 27, 1995. Minority Science Students Organization. **California State University, Dominguez Hills.**

March 6, 1995. Department of Anthropology, **Wayne State University.**

Feb. 28, 1997 **Oberlin College, Ohio.**

Session Chair, Pseudoscience, Biology, and the Education of African American Students, Annual Meeting of the **American Association for the Advancement of Science (AAAS)**, Feb. 12, 1996, Baltimore, Maryland. Presentation: Science and Pseudoscience in the African American Context.

Discussant, The Developing Brain: Genes, Environment, and Behavior, **Annual Meeting of the American Association for the Advancement of Science (AAAS)**, Feb. 8, 1996, Baltimore, Maryland.

Panel Member, **History of Science Society**, *Teaching about Race and Science*, San Diego, November 7th, 1997.

Distinguished Lecture, Medical College of Ohio January 15th 1998. General Theories of Aging: Unification and Synthesis.

Distinguished Lecture, Medical College of Ohio, January 15th 1998, Content of Character, or Genes and Race?

Sawyer Seminar: The Concept and Consciousness of Race: Cross-national and Cross Disciplinary Perspectives, University of North Carolina, Chapel Hill, March 1, 2000.

Keynote Address, Academic Excellence Day, California University of Pennsylvania, October 2nd 2001.

American Museum of Natural History, Human Genome Lecture Series, December 4, 2001.

Arizona Science Center, Science Lecture Series, December 5, 2001.

Race and Disease, for **Henry Ford Hospital**, Detroit, Michigan, January 2002.

National Human Genome Institute, Ethical, Legal and Social Implications Group, January 2002.

Pennsylvania Association of Black Educators, Keynote Lecturer, Race and IQ in Higher Education, Pittsburgh, PA, March 2, 2002.

Gene Media Forum, NY Academy of Sciences, March 21, 2002, Race and IQ.

Panel Participation, Is Race a useful concept for cancer etiology and treatment? **American Association for Cancer Research**, San Francisco, CA, April 8th, 2002.

Keynote Speaker 14th Annual F.E. MAPP Science Symposium, Morehouse College, Atlanta, GA, April 9th, 2002.

University of Pennsylvania, Emerging Scholars Workshop, September 14th, 2002.

William C. Campbell Colloquium in Science and the Humanities, Drew University, September 24th, 2002.

Association of Multiethnic Americans, Tucson, AZ, October 14, 2002.

Distinguished Lecture, Hampden-Sydney College, October 16th, 2002.

Distinguished Lecture, University of the Pacific, October 29th, 2002.

Muskie Lecture, Bates College, Nov. 6th, 2002.

Distinguished Lecture, Brown University, Nov. 7th, 2002.

Lecture in Evolutionary Biology, Annual Biomedical Research Conference for Minority Students, New Orleans, Nov. 14th, 2002.

The Emperor's New Clothes: The Social Construction of Race, and Genome Research
Student Pugwash USA, October 24th 2003.

The Emperor's New Clothes: Why We Pretend Race Exists., **College of St. Catherine**, November 4th 2003.

The Emperor's New Clothes: Why We Pretend Race Exists, **Earlham College, Convocation**, January 28th 2004.

Respecting Differences 2004, The Illusion of Race, Kalamazoo, Michigan, April 6 - 7th 2004.

With All Deliberate Speed: The Retreat and Revival of Postwar Scientific Racism, **Minnesota Museum of Science**, May 22nd, 2004.

The Emperor's New Clothes: Why We Pretend Race Exists, **Transport Canada's 3rd National Diversity Conference**, May 26 -27th 2004.

The Race Myth: Biomedical Research and Human Genetic Variation, **Pieces of a Dream: African American Health Care in Minnesota and Unequal Treatment**, Sept. 17th, 2004.

Racism without Race: Contradictions in scientific and social policy, **University of the Puget Sound**, February 3rd 2005

Racism without Race: Contradictions in scientific and social policy, **North Carolina A&T University**, March 17th 2005

Racism and Science, **Fairleigh Dickinson University**, debate with Jon Entine of the American Enterprise Institute, author of *Taboo* and *Abraham's Children*, March 23rd 2005

Other Selected Invited Presentations:

- (1) **Life and Times (Scientific Discoveries)**, KCET Public Television, Dr. Joseph L. Graves, Jr., January 1993, by Robert Dean, Director Special Projects, KCET television.
- (2) Magazine coverage: **Discover** Feb. 1990, **The Economist** Feb. 1990, **Black Issues in Higher Education**, Jan. 1991, **Life** Oct. 1992, and **Scientific American** Dec. 1992.
- (3) **Who's Who in Science and Engineering** 1st - 4th editions, **Who's Who in the West**, Marquis Who's Who, New Providence, New Jersey, 1995.
- (4) **Men of Achievement 16th Edition**, International Biographical Center, Cambridge, England.
- (5) "The Bell Curve" on KFNN AM Radio, Phoenix. **Real Life Focus**, Vernon Bolling, Sunday Nov. 13, 1994.
- (6) "*Bell Curve*" conclusion berated by ASU Geneticist. Interview: The Arizona Republic, Jake Batsell, Correspondent. November 9, 1994.
- (7) "*Is race a valid concept for Science?*" Press Conference, at the 1995 AAAS Annual Meeting and Science Innovation Exposition. Atlanta, Georgia, February 19, 1995.
- (8) "*Is Race a valid biological concept?*" with C. Loring Brace, Professor of Anthropology, University of Michigan; for the **British Broadcasting Co.**, February 20, 1995. and with **National Public Radio**, Chicago, Ill. February 23, 1995.
- (9) "*Is Race a valid biological concept?*" Quirks and Quarks, **Canadian Broadcasting Co.** February 22, 1995.
- (10) "*No such thing as race, genetic studies say*" with Luca Cavalli-Sforza, Stanford University and Solomon Katz, U. Pennsylvania. San Jose Mercury News, **The Arizona Republic**, A4, Tuesday February 21, 1995, Baltimore Herald, and Los Angeles Times.

- (11) “*Figures never lie, but often liars figure. The significance of The Bell Curve.*” Arizona Black Board of Directors Retreat. Seattle, Washington. July 13-15, 1995.
- (12) Science, Pseudoscience, and Afrocentric Education, in **Education Week**, Feb. 21, 1996.
- (13) “*The Color of Science*”, Claudia Winkler, **The Weekly Standard**, March 4, 1996.
- (14) “*Dangerous Nonsense*” in Where We Stand, by Albert Shanker, President American Federation of Teachers, in **The New York Times**, Sunday March 10, 1996.
- (15) *Science, Pseudoscience, and Afrocentric Education*, **ABC News Radio**, NYC, The Jay Diamond Show, March 13, 1996.
- (16) Science, Pseudoscience, and Afrocentric Education, **Rocky Mountain News**, Denver, Colorado, The Clifford May Show, Saturday March 16, 1996.
- (17) Key sexual behavior gene spotted in male fruitfly. Deborah Blum. **The Sacramento Bee**. December 13, 1996.
- (18) Genes, race, and intelligence: Implications for Affirmative Action. A Debate with J. Phillippe Ruston. Sponsored by the John Jay College of Criminal Law, City University of New York. March 20, 1997.
- (19) J.L. Graves (1997) Race and IQ in the 90's: A Grim Testament to a Naked Emperor, for **Opportunity Journal**, Magazine of the National Urban League, Lee Daniels editor.
- (20) Debate: Removing Affirmative Action from Arizona, sponsored by the Black African Coalition, with Senator Scott Bundgaard, Arizona 43rd Legislature and author of SCR 1005, a bill to eliminate state funded affirmative action programs. April 15th 1998.
- (21) Commencement speaker for Low Income and Minority Student Science Programs, Oberlin College, April 29th, 1998.
- (22) Evolution gets nod from panel, by Cathryn Creno, **Arizona Republic**, August 17th 1998,
- (23) Creationism and Evolution, August 23rd 1998, Sun City Unitarian Universalist Church.
- (24) Creationism and the threat to science education in Arizona, Prescott Unitarian Universalist Fellowship, October 4th 1998.

Documentary Films & TV

Life and Times (Scientific Discoveries), **KCET Public Television**, Dr. Joseph L. Graves, Jr., January 1993, by Robert Dean, Director Special Projects, KCET television.

“*Black Britain, The Faster Race*”, for the **British Broadcasting Company**, September 9th 2000.

“*The Death Clock*”, October 2000, “*Genetics of Cloning*”, November 2000, **FOX 10 Arizona**.

“Race: America’s Original Science Fiction, Presentation for Phoenix City Council Faces of Diversity Series, Cox 11 Community Access, January 2001.

The Emperor’s New Clothes, **Tony Brown’s Journal**, PBS, April 13th, 2002.

“*Race: Genealogy of an Illusion*”, A Three Part Documentary from **California News Reel Inc.**, by Larry Adelman, Public Broadcasting System, Spring 2003.

The Race Myth, **Tony Brown's Journal**, PBS, January 25th, 2005.

Lucy's Daughter, **Tony Brown's Journal**, PBS, 2006.

The Race Myth: Why We Pretend Race Exists in America, **University of North Carolina, Greensboro**
February 21, 2006

Examining the Science Behind Race-specific Medicine, 12th Annual Summer Public Health Research Video
Conference on Minority Health, **UNC-Chapel Hill**, June 26, 2006.

And Yet it Moves: General Education Reform at North Carolina A&T State University, **Southern Association of
Schools and Colleges**, Annual Meeting, December 2006.

The Race Myth: More Sincere Fictions in the Age of Genomic Science, **University of Puerto Rico**, Graduate School
of Public Health, May 9, 2007.

And Yet it Moves II: Process of General Curriculum Reform, **General Education Institute**, Salve Regina University,
May 2007.

The Tragedy of the Commons: Faculty Buy-in for General Education Reform, **General Education Institute**, Salve
Regina University, May 2007.

The Race Myth: Why We Pretend Race Exists in America, **Unlearn Week**, Calvin College, Grand Rapids, Michigan.
October 10, 2007.

Faith, Science, and Democracy: What Next? **Challenging Assumptions Conference**, Pacific Institute for Ethics and
Social Policy, October 13, 2007.

James Watson Interview, **CNN Anderson Cooper 360**, October 19, 2007.

The Race Myth: More Sincere Fictions in the Age of Genomic Science, **Centre College**, Danville, Kentucky.
February 20, 2008

Panel Member, **One Guilford: Education Symposium**, sponsored by the Greensboro News and Record, UNCG,
March 12, 2008.

Community Service and Awards

Outstanding Faculty Award, Chicanos for Creative Medicine, University of California, Irvine, 1990.

Outstanding Faculty Award, African-American Students Organization, University of California, Irvine, 1990.

Cultural Diversity and Liberal Education: Curricular Design and Pedagogical Practice, University of Chicago, April 22-
25, 1990.

National Science Foundation Young Scholars Lecture, California State University, Long Beach, Summer Marine
Science. August 13, 1990, 1991.

Summer Institute on Race, Ethnicity, and Gender. University of California, Davis. July 9, 1990.

SPOP/UNIPREP Training Session, Orientation lecture: Faculty and Student Interaction, Faculty Expectations 1991-93.

Presenter 1992 Asian-Pacific Students Association, "The Asian-American Experience at UCI".

Profile in forthcoming Biology: A Human Endeavor, 2nd Ed., Vernon Avila, Bookmark Publishers.

Reviewer, Summer to Fall 1998, Biology 2001, Holt Reinhart Winston Publishers.

Participant, American Anthropological Association Conference, Race and Human Variation: Setting an Agenda for Future Research and Education, September 12 – 14, 2004.

Leadership Greensboro Class, 2007-08.

Board of Directors, Guilford Educational Alliance, August 2008 – 2010.