

## CURRICULUM VITAE

### CHARMAINE DAWN MARIE ROYAL, PHD

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#### DATE AND PLACE OF BIRTH

May 21, 1964; Jamaica, West Indies

#### EDUCATION

- 1997-1999 Postdoctoral Fellowship  
Bioethics and Special Populations Research Program  
National Human Genome Research Institute, National Institutes of Health  
Bethesda, MD
- 1997 Ph.D. - Human Genetics  
Howard University, Washington, DC
- 1992 M.S. - Genetic Counseling  
Howard University, Washington, DC
- 1988 B.S. - Microbiology  
Howard University, Washington, DC

#### POSITIONS

- 2007- *Associate Research Professor*, Institute for Genome Sciences & Policy, Duke University, Durham, NC
- 2004-2007 *Director*, GenEthics Unit, National Human Genome Center, Howard University, Washington, DC
- 2002-2007 *Assistant Professor*, Department of Genetics and Human Genetics, Graduate School, Howard University, Washington, DC
- 2000-2007 *Assistant Professor*, Department of Pediatrics and Child Health, Division of Medical Genetics, College of Medicine, Howard University, Washington, DC

**POSITIONS (cont'd)**

- 1999-2004 *Principal Investigator*, GenEthics Unit, National Human Genome Center, Howard University, Washington, DC
- 1997-1999 *Research Associate*, Cancer Center and National Human Genome Center, Howard University, Washington, DC
- 1995-1996 *Graduate Assistant*, Program in Clinical Ethics, College of Medicine, Howard University, Washington, DC
- 1992-1995 *Genetic Counselor*, Center for Sickle Cell Disease, Howard University, Washington, DC

**PROFESSIONAL SERVICE**

**Committees/Boards**

- 2007-present Advisory Committee to the NIH Director's Working Group on Participant and Data Protection for the Genetic Association Information Network (GAIN), NIH
- 2006-present Social Issues Committee, American Society of Human Genetics
- 2005-present Genetics and the Trans-Atlantic Slave Trade Working Group, Harvard University
- 2005-present Editorial Board, The American Journal of Bioethics
- 2005-present Advisory Committee on Genetics, Race, and Health Care, National Coalition for Health Professional Education in Genetics
- 2003-present African American Accrual Advisory Board, GlaxoSmithKline
- 2002-present Bioethics Advisory Committee, March of Dimes Birth Defects Foundation
- 2001-2002 Board of Directors, Genetic Alliance
- 2001-present Cultural Competency Advisory Committee, National Medical Association
- 2001-2003 ELSI Working Group, International Haplotype Map Project, National Human Genome Research Institute, NIH
- 2001-2002 Advisory Committee, Genome Minority Outreach Video for Inclusive Education, National Human Genome Research Institute, NIH
- 2001-2002 Community Issues Subcommittee, Pharmacogenomics Network Steering Committee, National Institute of General Medical Sciences, NIH
- 2000-present Diversity and Cultural Competence Working Group, National Coalition for Health Professional Education in Genetics
- 1998-2003 Steering Committee, African American Hereditary Prostate Cancer Study Network
- 1998-2000 Institutional Review Board, National Human Genome Research Institute, NIH
- 1998-1999 Bioethics Education Materials and Resources Subcommittee, NIH
- 1997-1998 Diverse Populations Working Group, National Human Genome Research Institute, NIH
- 1997-1998 GenEthics Consortium Steering Committee

## **PROFESSIONAL SERVICE (cont'd)**

### **Memberships in Professional Societies**

African Society of Human Genetics  
American Society for Bioethics and Humanities  
American Society of Human Genetics  
National Medical Association  
National Society of Genetic Counselors  
Sigma Xi Scientific Honor Society

### **Grant Reviewer**

National Human Genome Research Institute, NIH  
National Center on Minority Health and Health Disparities, NIH  
National Institute of Environmental Health Sciences, NIH  
Fund for Academic Excellence Grant Program, Howard University

### **Manuscript Reviewer**

Annals of Epidemiology  
Community Genetics  
Controlled Clinical Trials  
Ethnicity and Disease  
Journal of the National Medical Association  
Nature Genetics  
Science  
The American Journal of Bioethics

### **Consultant**

2003-present Human Genome Programme, World Health Organization  
2000-present Jackson Heart Study

## **EDUCATIONAL ACTIVITIES**

### **Teaching Experience**

#### Howard University

2002-2007 Ethical, Legal, and Social Issues in Human Genetics  
*Interdisciplinary graduate course for students from all schools and colleges at the university*  
Role: Developer, coordinator, and primary lecturer

2000-2007 Health Care Ethics  
*Interdisciplinary course for all health professions students - medical, dental, nursing, pharmacy, and allied health*  
Role: Lecturer and small group facilitator

2000-2007 Psychosocial Aspects of Congenital and Genetic Disorders  
*Graduate course for genetic counseling students*  
Role: Lecturer on selected topics

### **Teaching Experience (cont'd)**

#### Howard University

- 2000-2007 Principles and Practice of Genetic Counseling  
*Graduate course for genetic counseling students*  
Role: Lecturer on selected topics
- 2000-2007 Introduction to Medical Genetics  
*Graduate course for human genetics students*  
Role: Lecturer on selected topics

### **Training/Mentoring Experience**

#### Howard University

##### *Graduate Students (Doctoral)*

Allana Roach (2005-present) – Ph.D. candidate

Department: Genetics and Human Genetics

Role: Advisor

Crystal Glover (2005-present) – Ph.D. candidate

Department: Psychology

Role: Committee member

Bowyer Freeman (2001-2003) – Doctor of Ministry

Department: Ministry, School of Divinity

Topic: Theological and Ethical Dimensions of the Human Genome Project

Role: Committee member

##### *Graduate Students (Masters)*

Virginia Brown (2003-2005) – Master of Philosophy

Department: Philosophy

Topic: Moving from Metaphor to Speech Act: Understanding the Power of a word - Tuskegee:  
Bioethical Implications Regarding Health Disparities

Role: Committee member

Blaire Brown (2003-2004) – Master of Science (Genetic Counseling)

Department: Genetics and Human Genetics

Topic: The Effect of Caregiving on Risk Perception: A Consideration in Alzheimer's Disease  
Genetic Testing

Role: Advisor

Jelena Brezo (2002-2003) – Master of Science (Genetic Counseling)

Department: Genetics and Human Genetics

Topic: Association of Ethnic Identity and Diabetes-Type-2 Health Attitudes in Americans of  
African Ancestry

Role: Committee member

### **Training/Mentoring Experience (cont'd)**

#### Howard University

##### *Graduate Students (Masters)*

Michelle Crowder (2002-2003) – Master of Science (Genetic Counseling)

Department: Genetics and Human Genetics

Topic: Assessment of Genetic Information in the African American Community: Implications for Public Health

Role: Advisor

##### *Medical Students and Residents*

2003-2007 Conduct monthly didactic group lectures on the psychosocial aspects of genetic and other chronic conditions in children with third-year medical students involved in Pediatrics rotations.

2001-2003 Conducted monthly didactic one-on-one sessions with second-year Pediatrics Residents on the psychosocial aspects of genetic and other chronic conditions in children.

##### *Summer Students [National Human Genome Center Summer Research Program, 2002]*

Charmaine Jones (undergraduate) – Johnson C. Smith University, Charlotte, NC (Department of Biology)

Brittne Nelson (graduate) – Howard University (Department of Psychology)

Mxolisi Siwatu (graduate) – Howard University (Department of Sociology and Anthropology)

## **PUBLICATIONS**

### **Peer-Reviewed**

Payne, PW, **Royal, C**, Kardia SLR (2007). Genetic and social environment interactions and their impact on health policy. *Journal of the American Academy of Orthopaedic Surgeons*. 15: 95-98.

Payne, PW and **Royal, CD** (2007). The Role of Genetic and Sociopolitical Definitions of Race in Clinical Trials. *Journal of the American Academy of Orthopaedic Surgeons*. 15: 100-104.

Baffoe-Bonnie, A., Kittles, R., Gillanders, E., Ou, L., George, A., Robbins, C., Ahaghotu, C., Bennett, J., Boykin, W., Hoke, G., Mason, T., Pettaway, C., Vijayakumar, S., Weinrich, S., Jones, M., Gildea, D., Riedesel, E., Albertus, J., Moses, T., Lockwood, E., Klaric, M., Faruque, M., **Royal, C.**, Trent, J., Berg, K., Collins, F., Furbert-Harris, P., Bailey-Wilson, J., Dunston, G., Powell, I., Carpten, J. (2007). Genome-wide linkage of 77 families from the African American Hereditary Prostate Cancer Study (AAHPC). *The Prostate*. 67(1):22-31.

**Royal, C.** (2006). "Race" and Ethnicity in Science, Medicine, and Society. *BioSocieties*, 1(3), 325-328.

Foster, M., **Royal, C.** and Sharp, R. (2006). The Routinization of Genomics and Genetics: Implications for Ethical Practices. *Journal of Medical Ethics*. 32(11):635-8.

**Peer-Reviewed (cont'd)**

Brezo, J., **Royal, C.**, Ampy, F., and Headings, V. (2006). Ethnic Identity and Diabetes-Type-2 Health Attitudes in Americans of African Ancestry. *Ethnicity and Disease*, 16, 624-632.

The International HapMap Consortium (2005). A Haplotype Map of the Human Genome. *Nature* 437:1299-1320.

Wilson, J.G., Rotimi, C.N., Ekunwe, L., **Royal, C.D.**, Crump, M.E., Wyatt, S.B., Steffes, M.W., Adeyemo, A., Zhou, J., Taylor, H.A., Jaquish, C. (2005). Study design for genetic analysis in the Jackson Heart Study. *Ethnicity and Disease*, 15(4 Suppl 6):S6-30-37.

Keita, S.O.Y., Kittles, R.A., **Royal, C.D.M.**, Bonney, G.E., Furbert-Harris, P., Dunston, G.M., and Rotimi, C.N. (2004). Conceptualizing Human Variation. *Nature Genetics*, 36(11), 17-27.

**Royal, C.**, and Dunston, G. (2004). Changing the paradigm from “race” to human genome variation. *Nature Genetics*, 36(11), 5-7.

The International HapMap Consortium (2004). Integrating Ethics and Science in the International HapMap Project. *Nature Reviews Genetics*, 5, 467-475.

Ahaghotu, C., Baffoe-Bonnie, A., Kittles, R., Pettaway, C., Powell, I., **Royal, C.**, Wang, H., Vijayakumar, S., Bennett, J., Hoke, G., Mason, T., Bailey-Wilson, J., Boykin, W., Berg, K., Carpten, J., Weinrich, S., Trent, J., Dunston, G., and Collins, F. (2004). Clinical characteristics of African American men with hereditary prostate cancer: the AAHPC study. *Prostate Cancer and Prostatic Diseases*, 7, 165-169.

The International HapMap Consortium (2003). The International HapMap Project. *Nature* 426:789-796.

Dula, A., **Royal, C.**, and Secundy, M. (2003). The Ethical and Social Implications of Exploring African American Genealogies. *Developing World Bioethics*, 3(2). 133-141.

Weinrich, S., Faison-Smith, L., Hudson, J., **Royal, C.**, Powell, I. (2002). Stability of Self-Reported Family History of Prostate Cancer Among African American Men. *Journal of Nursing Measurement*, 10(1), 39-45.

Weinrich, S., **Royal, C.**, Pettaway, C, Dunston, G, Faison-Smith, L., Hudson, J., Roberson-Smith, P., Frost, J., Jenkins, J., Brooks, K., Powell, I. (2002). Interest in Prostate Cancer Susceptibility Testing Among African American Men. *Cancer Nursing*, 25(1), 28-34.

Powell, I., Carpten, J., Dunston, Kittles, R., Bennett, Hoke, G., Pettaway, C., Weinrich, S., Vijayakumar, S., Ahaghotu, C., Boykin, W., Mason, T., **Royal, C.**, Baffoe-Bonnie, A., Bailey-Wilson, J., Trent, J., Berg, K., and Collins, F. (2001). African American Hereditary Prostate Cancer Study: A Model for Genetic Research. *Journal of the National Medical Association*, 93(4), 120-123.

### Peer-Reviewed (cont'd)

Ellison, G., Coker, A., Hebert, J., Sanderson, M., **Royal, C.**, and Weinrich, S. (2001). Psychosocial Stress and Prostate Cancer: A Theoretical Model. *Ethnicity and Disease*, 11, 484-495.

**Royal, C.**, Headings, V., Harrell, J., Ampy, F., and Hall, G. (2000). Coping Strategies in Families of Children with Sickle Cell Disease. *Ethnicity and Disease*, 10(2), 237-247.

**Royal, C.**, Baffoe-Bonnie, A., Kittles, R., Powell, I., Bennett, J., Hoke, G., Pettaway, C., Weinrich, S., Vijayakumar, S., Ahaghotu, C., Mason, T., Johnson, E., Obeikwe, M., Simpson, C., Mejia, R., Boykin, W., Roberson, P., Frost, J., Faison-Smith, L., Meegan, C., Foster, N., Furbert-Harris, P., Carpten, J., Bailey-Wilson, J., Trent, J., Berg, K., Dunston, G., and Collins, F. (2000). Recruitment Experience in the First Phase of the African American Hereditary Prostate Cancer (AAHPC) Study. *Annals of Epidemiology*, 10(8), 68-77.

**Royal, C.**, Headings, V., Molnar, E., and Ampy, F. (1995). Resilience in Siblings of Children with Sickle Cell Disease. *Journal of Genetic Counseling*, 4(3), 199-217.

### Book Chapters

FitzGerald, K. and **Royal, C.** Race, Genetics, and Ethics. In: E. Pellegrino and L. Prograis (Eds.), African American Perspectives on Biomedical Ethics. Second Edition. (In Press)

Dunston, G. and **Royal, C.** (2004). The Human Genome: Implications for the Health of African Americans. In: I. Livingston (Ed.), Praeger Handbook of Black American Health: Policies and Issues behind Disparities in Health. Second Edition, Volume II. Greenwood Publishing Group, Westport, CT, pp. 757-775.

Kittles, R., and **Royal, C.** (2003). The Genetics of African Americans: Implications for Disease Gene Mapping and Identity. In: A. Goodman, D. Heath, and M. S. Lindee (Eds.), Genetic Nature/Culture: Anthropology and Science beyond the Two-Culture Divide. University of California Press, Berkeley, pp. 219-233.

### Other

Love, Cynthia B., Thomson, Elizabeth J., **Royal, Charmaine D.**, compilers. Ethics of human subject experimentation [bibliography on the Internet]. Bethesda (MD): National Library of Medicine; 1999 Feb. (Current bibliographies in medicine; no. 99-1). 4621 citations from January 1989 through November 1998. Available from: <http://www.nlm.nih.gov/pubs/resources.html>

Headings, V., **Royal, C.**, Uzoma, C., Winter, W., Castro, O. and Calvert, A. (1995). Ethics and Strategies for Optimizing Inclusion in Hemoglobinopathy Risk Screening. Proceedings of the 11<sup>th</sup> National Neonatal Screening, Corpus Christi, Texas.

## COMPLETED RESEARCH SUPPORT

Royal (PI) 05/01/06 – 11/30/08  
DEP/NEH

Title: Advancing Humanities and Genetics Teaching and Scholarship at HBCUs.

Goal: The major goal of this project is to create a multidisciplinary, interuniversity collaboration between the National Human Genome Center and the Tuskegee Bioethics Center that will enhance teaching and scholarship in the convergence of humanities and genetics.

(This project is ongoing at Howard under a new PI)

Ashton (PI) 06/01/05 – 5/31/10  
HRSA-05-026

Title: National Consumer Network for Genetics Education.

Goal: The major goal of this project is to increase the community's capacity for genetics education, services and policy support by the development and dissemination of educational materials.

Role: PI - Howard University

(This project is ongoing at Howard under a new PI)

Green, Robert (PI) 5/01/06 – 04/30/11  
3R01 HG002213-07  
NHGRI/NIH

Title: Risk Evaluation and Education for Alzheimer's Disease (REVEAL)

Goal: The major goal of this project is to evaluate the psychological and behavioral impact of genetic risk assessment with disclosure of APOE, a susceptibility polymorphism for Alzheimer's disease.

Role: Co-Principal Investigator/Howard University Site Director

(This project is ongoing at Howard under a new PI)

Royal (PI) 08/01/04 – 07/31/07  
1 P20 HG 03373-01  
NHGRI/NIH

Title: Center on Genomics and Social Identity in the African Diaspora.

Goals: The major goal of this project was to plan for the establishment of a Center for Excellence in ELSI Research at Howard University.

Rotimi (PI) 03/01/02 – 10/31/06  
1P41HG0277  
NHGRI/NIH

Title: Engaging African Communities for the Hapmap Project

Goal: The major goal of this project was to engage communities in west, east, and southern Africa in order to obtain appropriate approval and consent for participation in the HapMap Project and Phase I GRAD.

Role: Co-Principal Investigator

**COMPLETED RESEARCH SUPPORT (cont'd)**

Royal (PI)

S06 GM 08016-32-C

08/01/02 - 07/31/06

NIGMS/NIH SCORE/IRP

Title: Attitudes of African Americans Toward Genetic Testing for Prostate Cancer Risk

Goals: The major goals of this project were to assess the relationship of personal, socio-economic, and religious factors to attitudes toward genetic testing for prostate cancer risk and to determine factors influencing likelihood of uptake of genetic testing for prostate cancer risk.

Green, Robert (PI)

2R01 HG002213-04

05/01/03 – 04/30/06

NHGRI/NIH

Title: Risk Evaluation and Education for Alzheimer's Disease (REVEAL)

Goals: The major goal of this project was to survey adult siblings and children of patients with Alzheimer's Disease (AD) in order to ascertain who would choose to obtain APOE genotyping for susceptibility to AD.

Role: Co-Principal Investigator/Howard University Site Director

Green, Ronald (PI)

R25 HG001276

04/01/03 – 03/31/06

NHGRI/NIH

Title: A Program for Expanding ELSI Undergraduate Pedagogy

Goal: The major goals of this project were to: 1) train college/university faculty to teach undergraduates about the ethical, legal, and social implications of human genetics/genome research and 2) establish a regional ELSI Teaching Center at the National Human Genome Center at Howard University.

Role: Co-Principal Investigator/Howard University Site Director

Royal (PI)

DE-FG02-03ER63565

05/01/03 – 04/30/05

BER/DOE

Title: Human Genome Variation and "Race": State of the Science.

Goal: To launch a series of dialogues on race and genetics and disseminate the information generated.

Royal (PI)

02/01/02-12/31/03

The Irving Harris Foundation

Title: Planning the Policy Agenda for the National Human Genome Center at Howard University

Goal: To develop the five-year policy agenda for the National Human Genome Center.

## **COMPLETED RESEARCH SUPPORT (cont'd)**

Royal (PI)  
NFO2/30 11/01/01-06/30/03  
FRSG/Howard University  
Title: Attitudes of the Howard University Community toward Human Genome Research  
Goal: To assess awareness, attitudes, perspectives, and interest of the Howard University Community regarding human genome/genetics research.

Rotimi (PI)  
NOR-HC95170 9/01/00-05/31/05  
NHLBI/NIH  
Title: National Human Genome Center at Howard University and Jackson Heart Study Collaboration  
Goals: The major goals of this collaboration are to facilitate the establishment of a large well-characterized population-based cohort of African American pedigrees and utilize this cohort to conduct research on the environment and genetic factors involved in heart disease.  
Role: Co-Investigator

Royal (PI) 9/01/00-8/31/02  
273-MH-014376  
NHGRI/NIH  
Title: African American Participation in Genetic Research.  
Goal: To identify and address ethical, legal, and social issues regarding human genome research involving African Americans.

## **SELECTED PRESENTATIONS**

“Genomic Ancestry Testing: probing notions of identity and kinship.” Presidential Symposium. Annual Meeting of the American Society of Human Genetics. San Diego CA. October 2007 (Invited)

“Identity and identification in Genomic/Genetic Studies of Common Diseases.” Genomics of Common Diseases Conference. Hinxton UK. July 2007 (Invited)

“Genes, Environment, and Human Variation: Does ‘race’ have a place?” Race, Human Variation, and Disease Conference, American Anthropological Association RACE Project. Airlie VA. March 2007 (Invited)

“Genetic Ancestry Testing in African Americans: Cure for the identity crisis?” Sawyer Seminar, Duke University, Durham, NC. February 2007 (Invited)

“Genomics and Personalized Medicine: what’s “race” got to do with it?” Annual Convention of the National Medical Association. Dallas, TX. August 2006 (Invited)

**SELECTED PRESENTATIONS (cont'd)**

“Ethical Implications of Ancestry Testing and Genetic Identity”. 75<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists. Anchorage, AK. March 2006. (Invited)

“Alternatives to Using ‘Race’ as a Population Descriptor in Research.” 55<sup>th</sup> Annual Meeting of the American Society of Human Genetics. Salt Lake City, UT. October 2005 (Invited) .

“HapMap Nigeria: Engaging the Yoruba in Aba-Alamu.” 8<sup>th</sup> Annual Meeting of the American Society for Bioethics and Humanities. Washington, DC. October 2005

“Ethical, Legal, and Social Issues in Genomic Research and Medicine.” Eliminating Health Disparities in Mississippi: From Research to Action. Jackson State University, Jackson, MS. October 2005 (Invited)

“The Illusion of Inclusion.” FDA Hearing on the Approval of BiDil. Washington, DC. June 2005

“Ethical, Legal, and Social Implications of Human Genetics/Genomic Research.” Annual Black Health Professional Meeting, Biloxi, MS. May 2005 (Invited)

“Race, Genomics, and Health.” Rock Ethics Institute, The Pennsylvania State University. University Park, PA. April 2005 (Invited)

“Bioethics and Genetics: A Case of and for Symbiosis.” Joint Meeting of the Southern African Society of Human Genetics and the African Society of Human Genetics. Muldersdrift, South Africa. March 2005 (Invited)

“The Ethical, Legal, and Social Implications of ‘Race’.” 54<sup>th</sup> Annual Meeting of the American Society of Human Genetics. Toronto, Canada. October 2004 (Invited)

“Emerging Issues in Population Genomics.” Arizona State University. Tempe, AZ. October 2004 (Invited)

“Genomic Medicine at Bedside: Privacy and Confidentiality of Genetic Information.” Annual Meeting of the Association of Academic Minority Physicians. Crystal City, VA. October 2004 (Invited)

“Informed Consent for Research in Minority Communities.” AAAS Minority Science Writers Workshop. Washington DC. August 2004 (Invited)

“Ethical, Legal, and Social Implications of Genomic Research and Medicine.” 102<sup>nd</sup> Annual Convention and Scientific Assembly of the National Medical Association. San Diego CA. August 2004 (Invited)

**SELECTED PRESENTATIONS (cont'd)**

“HapMap in Nigeria: The Community Engagement Process.” The International HapMap Consortium Meeting. Cold Spring Harbor NY. May 2004 (Invited)

“Ethical, Legal, and Social Implications of Human Genomic/Genetics Research.” Joint Center for Political and Economic Studies. Washington DC. November 2003 (Invited)

“Genes and Race: Implications for Future of Clinical Research/Practice.” Johns Hopkins University Greenwall Fellowship Program. Washington DC. May 2003 (Invited)

“Race/Ethnicity and Genetics in the Newborn Screening Context.” Ethical Issues in Newborn Screening. Hastings Center Meeting. New York NY. April 2003

“Perspectives on Genetic Variation Research.” 5<sup>th</sup> Annual Meeting of the American Society for Bioethics and Humanities. Baltimore MD. October 2002

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“Human Genome Research & Cultural Competence.” National Medical Association Annual Convention and Scientific Assembly. Honolulu HI. August 2002 (Invited)

“Ethics and African American Genealogy.” Powderhorn/Phillips Cultural Wellness Center-African Genealogy & Genetics: Looking Back to Move Forward. Minneapolis MN. June 2002 (Invited)

“Ethical, Legal and Social Issues of the Human Genome Project.” Zeta Phi Beta Sorority, Inc., Beta Theta Zeta Chapter’s Human Genome Conference. Norfolk VA. April 2002 (Invited)

“Genetics Research and Communities of Color: The Good, the Bad and the Ugly.” West Harlem Environmental Action’s conference on Human Genetics, Environment, and Communities of Color: Ethical and Social Implications. New York NY. February 2002 (Invited)

“Health Disparities and Human Genome Research.” Zeta Phi Beta Sorority National Educational Foundation - Human Genome Project Conference, Washington DC. November 2001 (Invited)

“People of Color as Partners *and Leaders* in Human Genome Research.” 4<sup>th</sup> Annual Meeting of the American Society for Bioethics and Humanities, Nashville TN. October 2001

“Human Genome Research and Cultural Competence.” National Medical Association Planning Meeting, Honolulu HI. October 2001 (Invited)

“Health Disparities: How Should the Black World Respond?” Racism and the Black World Response Symposium, Nova Scotia, Canada. August 2001 (Invited)

**SELECTED PRESENTATIONS (cont'd)**

“Human Genome Project and Its Implications for African Americans.” 26<sup>th</sup> Annual NAFEO Conference, Washington DC. March 2001 (Invited)

“Ethics and Special Populations Research.” FAES Medical Genetics Course, National Human Genome Research Institute, National Institutes of Health, Bethesda MD. March 2001 (Invited)

“Participating in Genetic Research.” Second Annual National Human Genome Research Institute Consumer Day, National Institutes of Health, Bethesda MD. November 2000 (Invited)

“Risks and Benefits of Participating in Genetics Research.” First Community Consultation on the Responsible Collection and Use of Samples for Genetic Research, National Institutes of Health, Bethesda MD. September 2000 (Invited)

“Societal Perspectives on Advances in Genetic Research and Technologies.” Third National Conference on Genetics and Public Health, Ann Arbor MI. September 2000 (Invited)

“Ethics.” National Human Genome Research Institute Genomics Short Course, National Institutes of Health, Bethesda MD. August 2000 (Invited)

“The Human Genome Project: Legal Implications for Diverse Populations.” National Association of Women Judges Conference: Bioethical Issues and Judging, Washington DC. March 2000 (Invited)

“Ethical Considerations in the Era of the ‘New Genetics’.” Planned Parenthood Visioning Leadership Conference: Voyage to 2025, Marco Island FL. January 2000 (Invited)

“African American Perspectives on Issues of Genetics Research and Testing.” Second National Conference on Genetics and Disease Prevention, Baltimore MD. December 1999 (Invited)

“Group Rights in Genetic Research: What Can That Mean and How Do We Respond?” 2<sup>nd</sup> Annual Meeting of the American Society for Bioethics and Humanities, Philadelphia PA. October 1999

“SES, Health Disparities, and Genetic Susceptibility.” Concept Forum on SES and Health Disparities. National Institutes of Health, Bethesda MD. March 1999 (Invited)

“Involvement of African Americans in Human Genetics Research.” Workshop on Anthropology, Genetic Diversity, and Ethics, Milwaukee WI. February 1999 (Invited)

“Coping Strategies in Families of Children with Sickle Cell Disease.” 48<sup>th</sup> Annual Meeting of the American Society of Human Genetics, Denver CO. October 1998

“Ethical Issues in Genetic Studies.” Howard University Cancer Center Prostate Cancer Symposium, Bethesda MD. September 1998 (Invited)

**SELECTED PRESENTATIONS (cont'd)**

“Ethical, Legal, and Social Implications of the Human Genome Project.” Cleft-Palate/Craniofacial Association Meeting, Baltimore MD. April 1998 (Invited)

“Inclusion of Ethnic/Racial Minorities in Bio-Medical Research: Benefits, Risks and Challenges.” National Dialogue on Genetics, College Park MD. March 1998 (Invited)

“Implications of Cystic Fibrosis Testing in African Americans.” Genetic Testing for Cystic Fibrosis Consensus Development Conference Follow-up Workshop, Bethesda MD. October 1997 (Invited)

“Human Genome Project: Ethical and Social Issues.” National Institutes of Health Mini-Med School, Washington DC. October 1997 (Invited)