

CURRICULUM VITAE
CARLTON HAYWOOD JR., PhD, MA

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Nov 2008
Date

DEMOGRAPHIC AND PERSONAL INFORMATION

Current Positions:

University: Assistant Professor
Division of Hematology
The Johns Hopkins School of Medicine

Associate Faculty
The Johns Hopkins Berman Institute of Bioethics

Personal Data:

Business Address: The Johns Hopkins Berman Institute of Bioethics
624 N. Broadway
Hampton House, Room 355
Baltimore, MD 21205

Phone: 410-614-6335
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Education and Training:

Year	Degree	Institution	Discipline
1999	Bachelor of Arts	The University of Virginia	Religious Studies/Bioethics
2003	Master of Arts	The University of Virginia	Bioethics
2008	Doctor of Philosophy	The Johns Hopkins University	Public Health

Professional Experience:

Dates	Positions	Institution
1998-2001	Research Assistant	The University of Virginia Center for Biomedical Ethics
2001-2003	Research Coordinator	The Phoebe R. Berman Bioethics Institute, Johns Hopkins University

RESEARCH ACTIVITIES

Publications:

Peer Reviewed

1. Lanzkron S., Haywood Jr. C., Seghal J. & Dover G. "Hospitalization Rates and Costs of Care of Patients with Sickle Cell Disease in the State of Maryland in the Era of Hydroxyurea," American Journal of Hematology, December 2006; 81(12):927-932.
2. Lanzkron S, Strouse JJ, Wilson R, Beach MC, Haywood C., Park H, Witkop C, Bass EB, Segal JB. "Systematic review: Hydroxyurea for the treatment of adults with sickle cell disease." Ann Intern Med. 2008 Jun 17;148(12):939-55.

3. Lanzkron S, Haywood Jr. C, Hassell K. "Provider Barriers to Hydroxyurea use in Adults with Sickle Cell Disease: A Survey of the Sickle Cell Disease Adult Provider Network." J Natl Med Assoc. 2008 Aug; 100(8):968-73.

In Press

1. Strouse J, Lanzkron S, Beach MC, Haywood C, Park H, Witkop C, Wilson R, Bass E, & Segal J. "Hydroxyurea for Sickle Cell Disease: A Systematic Review for Efficacy and Toxicity in Children." Accepted in 2008 for publication in Pediatrics.

Extramural Funding:

Grants

Dates: October 1999 – September 2002
Title: Interdisciplinary Experiential Training in End-of-Life Care and Organ Donation
Identification #: H39 OT 00004 01
Sponsor: Health Resources and Services Administration
Total direct cost: \$929,000
Principal Investigator: Michael A. Williams, MD
Role (% effort): Project Coordinator (50%)

Dates: January 2001 – June 2002
Title: Development of An Assessment Tool for Ethics Consultation
Sponsor: The Stavros S. Niarchos Foundation & the Phoebe R. Berman Bioethics Institute
Total direct cost: \$50,000
Principal Investigator: Michael A. Williams, MD
Role (% effort): Project Coordinator (10%)

Dates: September 2002 – September 2005
Title: Dissemination of an Interdisciplinary Experiential Training Model for End-of-Life Care and Organ Donation
Identification #: 1 H39 OT 00111 01
Sponsor: Health Resources and Services Administration
Total direct cost: \$1,224,000
Principal Investigator: Michael A. Williams, MD
Role (% effort): Project Coordinator (50% in Year 1; 0% after Year 1)

Dates: September 2006-June 2007
Title: Respect, Trust, & Pain Management in Sickle Cell Disease
Sponsor: Blaustein Pain Treatment Center Research Fund, Johns Hopkins University
Total direct cost: \$49,370
Principal Investigator: Mary Catherine Beach, MD, MPH
Role (% effort): Co-Investigator (5%)

Dates: July 2008 – June 2009
Title: Development of a Brief Video to Impact Clinician Respect and Empathy towards Patients with Sickle Cell Disease
Sponsor: The Johns Hopkins University Osler Center Small Grants Program
Total direct cost: \$19,470
Principal Investigator: Mary Catherine Beach, MD, MPH
Role (% effort): Co-Investigator (5%)

Contracts

Dates: December 2003 – April 2004

Title: Strengthening the Informed Consent Process to Address Racial and Ethnic Disparities in Health Care and Research
Identification #: Cooperative Agreement #: US@MP98011-06; Project #: 1-03
Sponsor: The Office of Minority Health and the Summit Health Institute for Research and Education, Inc.
Principal Investigator: Vanessa Northington Gamble, MD., PhD.
Role (% effort): Co-Investigator (5%)

Dates: January 2007 – April 2008
Title: Johns Hopkins University Evidence-based Practice Center: Hydroxyurea Treatment for Sickle Cell Disease
Identification #: Contract No. 290-02-0018
Sponsor: Agency for Healthcare Research & Quality
Total direct cost: \$189,107
Principal Investigators: Jodi Segal, MD, MPH & Sophie Lanzkron, MD
Role (% effort): Co-investigator (5%)

EDUCATIONAL ACTIVITIES

Educational Publications:

Invited Review Articles & Invited Perspectives

1. Suber, F. & Haywood, C. "Call for Parity: Improving the Health Status of Minority Americans," Bioethics Matters, 8(3): 1999. University of Virginia.
2. Haywood, C. & Williams, MA. "Challenges in Implementing Advance Directives," National Association of Elder Law Attorneys, Spring 2001; 14(2): 31-34.
3. Williams, MA & Haywood, C. "Critical Care Research on Patients with Advance Directives or DNR Status: Ethical Challenges for Clinician-Investigators," Critical Care Medicine, March 2003; 31[Suppl]: S167-171.
4. Todd K., Green C., Bonham V., Haywood Jr., C., & Ivey E. "Sickle Cell Disease Related Pain: Crisis and Conflict." The Journal of Pain, July 2006; 7(7): 453-458.
5. Haywood Jr., C. "Sickle Cell Disease in the United States: Past Progress...Future Challenges." Cum Laude Magazine, Summer 2007, 1(1), pp. 5-11.

Book Chapters

1. Bonham V., Haywood Jr., C. & Gamble VN. "Sickle Cell Disease: The Past, Present and Future Social and Ethical Dilemmas." In Betty Pace (ed) Sickle Cell Disease in the Genome Era. Imperial College Press: London. Chapter 19. pp. 311-323.

Abstracts

1. Williams MA, Lipsett PA, Shatzer JH, Rushton CH, Berkowitz ID, Mann SL, Lane K, Knapp JC, Humphreys SL, Zaeske R, Haywood C. Experiential, interdisciplinary training in end-of-life care and organ donation. Critical Care Medicine 28 (Suppl):A204, 2001
2. Williams MA, Rushton CH, Grochowski E, Shatzer JH, Berkowitz ID, Mann SL, Lane K, Zaeske R, Haywood C., Lipsett PA: Family attitudes about organ donation. Crit Care Med 29: A82, 2002. Presented at the 31st Society for Critical Care Medicine Conference, January 2002
3. Haywood Jr., C., Lanzkron, S. "Regional and Age Group Differences in Sickle Cell Anemia Hospitalization Rates among African-American Adults: 1990-2002." Blood (ASH Annual Meeting Abstracts) 2005 106: 2255

4. Lanzkron, S, Haywood Jr., C, Dover, GJ. “Costs of Care for Hospitalized Adults with Sickle Cell Anemia (SCA) in Maryland (MD) Have Skyrocketed: 1995-2003.” *Blood (ASH Annual Meeting Abstracts)* 2005 106: 2237
5. Haywood Jr., C, & Lanzkron, S. “Gender Differences in Hospitalized Patients with Sickle Cell Disease (SCD): 1990-2002.” *Blood (ASH Annual Meeting Abstracts)* 2005 106: 2256
6. Haywood Jr., C. & Lanzkron, S. “Gender and Regional Differences in In-Hospital Mortality in Patients with Sickle Cell Anemia (SCA) in the United States: Results from the Nationwide Inpatient Sample (NIS) 1993-2003.” *Blood (ASH Annual Meeting Abstracts)* 2006 108(11): 461
7. Haywood Jr., C & Lanzkron, S. “Sickle Cell Disease Mortality in the United States: Age at Death and Contributing Causes.” *Blood (ASH Annual Meeting Abstracts)* 2007 110(11): 33a
8. Strouse, JJ, Haywood, C, & Lanzkron, S. “Predictors of In-Hospital Mortality and Charges in Sickle Cell Disease: Results from the California Discharge Databases 1998–2005.” *Blood (ASH Annual Meeting Abstracts)*, Nov 2007; 110: 432.

Other Invited Works

1. Haywood C. “Suggested Readings: Ethics in Healthcare and Health Policy.” A Bibliography Written by request for the National Medical Association’s Third Annual Colloquium on African American Health. Vienna, VA. March 7th, 2002.
2. Dula A. & Haywood C. “A Bibliography on Black Perspectives on Bioethics.” Written by request for the Tuskegee University National Center for Bioethics in Research & Health Care’s 1st Conference on Black Bioethics. Tuskegee, AL. July 2005.

Teaching:

Classroom Instruction

Dates	Role/Course/Location
Mar 1999 – May 1999	Teaching Assistant, GSAS 515: Introduction to Clinical Ethics, The University of Virginia, School of Medicine
Mar 2000 – May 2000	Co-Instructor, GSAS 515: Introduction to Clinical Ethics, The University of Virginia, School of Medicine
Jan 2001 – Mar 2001	Teaching Assistant, 360.302: Clinical Ethics & End-of-Life Issues, The Johns Hopkins University, School of Arts & Sciences
Jan 2004 – May 2007	Teaching Assistant, 306.655: Ethical Issues in Public Health, The Johns Hopkins Bloomberg School of Public Health, Department of Health Policy & Management

Educational Extramural Funding:

Dates: July 2005 – June 2009
 Title: Minority Predoctoral Fellowship Program
 Identification #: 1 F31 HL082037-01
 Sponsor: The National Heart, Lung, & Blood Institute
 Total direct cost: \$177,856
 Principal Investigator: Carlton Haywood Jr., MA
 Role (% effort): 100%

Notes: This award provided a living stipend and full support for tuition and fees for years 3 through 6 of my pre-doctoral training

ORGANIZATIONAL ACTIVITIES

Editorial Activities:

Journal Peer Reviewer Activities
American Journal of Hematology (7/29/08)

Advisory Committees:

April 2005-Present
National Heart Lung & Blood Institute, American Institutes for Research, & the Children's Hospital & Research Center at Oakland
Advisory Board Member, Sickle Cell Disease (SCD) Health Related Quality of Life (HRQOL) Questionnaire Development Project

June 2005 - Present
National Heart Lung & Blood Institute
Member, Data Safety & Monitoring Board (DSMB), BABY HUG Study

August 2006 – November 2007
Maryland Department of Health & Mental Hygiene, Office of Genetics and Children with Special Needs
Member, Adult Sickle Cell Disease Care Working Group

September 14th – September 15th, 2006
National Heart Lung & Blood Institute, Blood Diseases Branch
Member, Sickle Cell Disease Health Objectives Working Group

March 2007 - Present
Health Resources & Services Administration (HRSA)
Member, Sickle Cell Disease Treatment Demonstration Program (SCDTDP) Steering Committee

November 2007 - Present
Maryland Department of Health and Mental Hygiene
Member, Statewide Steering Committee on Services for Adults with Sickle Cell Disease

September 2008 – Present
The Johns Hopkins Bloomberg School of Public Health
Member, Advisory Committee for the Study of Public Systems and Sickle Cell Mortality

Review Groups:

Health Resources and Services Administration (HRSA), Division of Independent Review
Grant Reviewer, March 2005

Advocacy Groups:

March 2008 – Present
Member, United Voices for Sickle Cell Disease

Consultantships:

September 17th, 1999
U.S. Department of the Navy, Race & Gender Working Committee

Consultant: Provided feedback to the Working Committee on policies regarding compliance with patient racial and gender preferences in the provision of healthcare services.

April 2004 – August 2007

Tuskegee University National Center for Bioethics in Research & Health Care

Consultant: Conducted literature reviews and prepared reports on the topic of African-American perspectives on bioethics.

Professional Memberships:

2000 – Present	The American Society for Bioethics and the Humanities (ASBH)
2000 – Present	Race and Culture/Ethnicity Affinity Group of ASBH
2001 - 2002	Maryland Healthcare Ethics Committee Network - - Education Committee
2006 – Present	The American Public Health Association

RECOGNITION

Awards & Honors:

1999	Stacy Boyle Fellowship in Biomedical Ethics, University of Virginia
1999-2000	Donchian Foundation Fellowship in Biomedical Ethics, University of Virginia
2003-2005	Minority Health Predoctoral Fellowship, Department of Health Policy & Management, Johns Hopkins Bloomberg School of Public Health
2009-2011	Mosaic Initiative Award to Promote Faculty Diversity, The Johns Hopkins University

Peer Reviewed Presentations:

Oral Presentations

Haywood Jr. C & Lanzkron S. “National Trends in Sickle Cell Disease Related Hospital Utilization, 1990-2002: Has Hydroxyurea Therapy Made an Impact?” 28th Annual Meeting of the National Sickle Cell Disease Program. Covington, KY. Sponsored by the Cincinnati Children’s Hospital Medical Center Comprehensive Sickle Cell Center & The National Heart, Lung and Blood Institute; National Institutes of Health. April 11th, 2005.

Haywood Jr. C & Lanzkron S. “Characteristics of Persons Hospitalized with Sickle Cell Disease Nationwide: 1990-2002.” 33rd Annual Meeting of the Sickle Cell Disease Association of America. Baltimore, MD. September 8th, 2005.

Haywood Jr. C & Lanzkron S. “Morbidity & Mortality in the Adult Sickle Cell Disease (SCD) Inpatient Population: Results from the 2003 Nationwide Inpatient Sample.” Plenary Session: The 29th Annual Meeting of the National Sickle Cell Disease Program. Memphis, TN. Sponsored by the Comprehensive Sickle Cell Center at St. Jude Children's Research Hospital & The National Heart, Lung and Blood Institute; National Institutes of Health. April 10th, 2006.

Haywood Jr. C & Lanzkron S. “Gender and Regional Differences in In-Hospital Mortality in Patients with Sickle Cell Anemia (SCA) in the United States: Results from the Nationwide Inpatient Sample (NIS) 1993-2003.” 48th Annual Meeting of the American Society of Hematology. Orlando, FL. December 11th, 2006.

Haywood Jr. C., Lanzkron S., Ratanawongsa N., Bediako S., Nelson L., Powe N., & Beach MC. "Past Interpersonal Experiences with Medical and Trust in the Medical Profession Among Adults with Sickle Cell Disease." The 35th Anniversary of the National Sickle Cell Disease Program, National Heart, Lung, and Blood Institute, National Institutes of Health, and the Sickle Cell Disease Association of America, Inc. Washington, DC. September 19th, 2007.

Gerson J., Haywood Jr. C., & Bandeen-Roche K. "Grasping at Gossamer: Latent Variable Modeling in Empirical Bioethics." 9th Annual Meeting of the American Society for Bioethics and the Humanities. Washington, DC. October 18th, 2007. (Peer Reviewed Panel Presentation)

Haywood Jr. C. & Lanzkron, S. "Sickle Cell Disease Mortality in the United States: Age at Death and Contributing Causes." 49th Annual Meeting of the American Society of Hematology. Atlanta, GA. December 9th, 2007.

Poster Presentations

Haywood Jr. C. & Lanzkron S. "Gender Differences in Hospitalized Patients with Sickle Cell Disease (SCD): 1990-2002." The 47th Annual Meeting of the American Society of Hematology. Atlanta, GA. December 11th, 2005. Poster Presentation.

Haywood Jr. C. & Lanzkron S. "Regional and Age Group Differences in Sickle Cell Anemia Hospitalization Rates among African-American Adults: 1990-2002." The 47th Annual Meeting of the American Society of Hematology. Atlanta, GA. December 11th, 2005. Poster Presentation.

Lanzkron S., Haywood Jr. C., & Dover GJ. "Costs of Care for Hospitalized Adults with Sickle Cell Anemia (SCA) have skyrocketed: 1995-2003." The 47th Annual Meeting of the American Society of Hematology. Atlanta, GA. December 11th, 2005. Poster Presentation.

Haywood Jr. C., Lanzkron S., Ratanawongsa N., Bediako S., Lattimer L., Powe N., & Beach MC. "Previous Interpersonal Experiences with Medical Care and Trust in the Medical Profession Among Adults with Sickle Cell Disease." 31st Annual Meeting of the Society of General Internal Medicine. April 9th, 2008. Pittsburgh, PA. Poster Presentation.

Haywood Jr. C., Lanzkron S., Ratanawongsa N., Bediako S., Lattimer L., Powe N., & Beach MC. "Association of Previous Interpersonal Healthcare Experiences with Trust in the Medical Profession Among Adults with Sickle Cell Disease." AcademyHealth 2008 Annual Research Meeting. Washington, D.C. June 9th, 2008. Poster Presentation.

Invited Talks:

"Sickle Cell Anemia: One Patient's Narrative." Presented to the University of Virginia First Year Medical School Class of 2003. September 8, 1999.

"Barriers in the Clinician/Patient Encounter: Considerations of Race, Culture, and Class." Annual Meeting of the Virginia Healthcare Ethics Network. September 16, 1999.

"The Changing Approach to Healthcare Ethics." Virginia Association of Medical Staff Services Educational and Business Conference, October 15, 1999.

Suber F. & Haywood Jr. C. "Ethical Considerations of Non-Heartbeating Donation." Presented to the Cardiac Surgeons of the Dartmouth-Hitchcock Medical Center, September 25th, 2000.

"Ethical Considerations Surrounding Patient Requests Based on Race, Gender, or Religion." The Johns Hopkins Hospital Ethics Committee, January 9th, 2001.

Bateman-House A. & Haywood Jr. C. "An Ethical Analysis of Operation Orange: Bioterrorism Preparedness Policies and Johns Hopkins Hospital." The Johns Hopkins Hospital Ethics Committee, December 4th, 2001.

Bateman-House A. & Haywood Jr. C. "Operation Orange: Biodefense Preparedness at Johns Hopkins Hospital - - Ethical Considerations." Presented to the Johns Hopkins Hospital Department of Hospital Epidemiology and Infection Control. June 20th, 2002.

Q & A with a Sickle Cell Anemia Patient. Clinical Correlations Course. The Johns Hopkins University School of Medicine First Year Medical School Class. (October/September 2002, 2004-2007)

"One Patient's Experiences with Sickle Cell Anemia." Given to the House Staff of the Johns Hopkins Hospital. September 10th, 2003.

"Living with Sickle Cell Disease." The Sickle Cell Family Education Day. University of Virginia Health System. Co-Sponsored by the University of Virginia Comprehensive Sickle Cell Team and the Department of Pediatrics. (May/June 2004-2007)

"The Need for Black Perspectives in Bioethics." Beyond Legacy: The Tuskegee Syphilis Study Symposium. Morgan State University. Baltimore, MD. October 8th, 2005.

"Do Adolescent Pain Practices Predict Adult Pain Pictures? Remarks: Patient, Policy, and Ethics." Sickle Pain Education & Research Special Interest Group, 16th Annual Meeting and Symposium. 29th Annual Meeting of the National Sickle Cell Disease Program. April 2006

Panels:

Respondent: "African-American Preferences in End-of-Life Care." Annette Dula, Ed.D, presenter. Two Topics in End-of-Life Care: African American Perspectives and Conflict Resolution. Sponsored by the Maryland Healthcare Ethics Committee Network. Co-sponsored and Underwritten by the Ethics Committee at Franklin Square Hospital, Baltimore, MD. June 15, 2001.

Panelist: "Managing Pain in Patients with Sickle Cell Disease: A Case Panel Presentation." The Blaustein Pain Lecture Series, the Johns Hopkins School of Medicine. February 18th, 2005.

Panelist: Lonzie Lee Jones Patient Advocacy Symposium. The 33rd Annual Meeting of the Sickle Cell Disease Association of America. Baltimore, MD. September 7th, 2005.

"Voices from the Other Side of the Stethoscope." Sickle Cell Disease Summit: From Clinical and Research Disparity to Action. Sponsored by the American Society of Pediatric Hematology/Oncology. June 28th, 2007.

Patient Panel Discussion. Patient, Physician, & Society Course. The Johns Hopkins School of Medicine. March 27th, 2008.