

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel and other significant contributors in the order listed on Form Page 2.
Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME Patricia A. Marshall	POSITION TITLE Professor of Bioethics		
eRA COMMONS USER NAME Pmarshall			
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
University of Kentucky, Lexington, KY	BA	1974	Behavioral Science, Anthropology
University of Kentucky, Lexington, KY	MA	1977	Anthropology
University of Kentucky, Lexington, KY	PhD	1983	Anthropology

Please refer to the application instructions in order to complete sections A, B, and C of the Biographical Sketch.

A. Positions and Honors. List in chronological order previous positions, concluding with your present position. List any honors. Include present membership on any Federal Government public advisory committee.

Positions:

- 1984-87 Research Associate, Erikson Institute/Advanced Study of Child Development, Chicago, IL.
 1987 Clinical Assistant Professor, Department of Pediatrics, Pritzker School of Medicine, University of Chicago, Chicago, IL.
 1987-93 Assistant Director/Assistant Professor, Medical Humanities Program, Department of Medicine, Loyola University of Chicago, Stritch School of Medicine, Maywood, IL.
 1994-99 Associate Director/Associate Professor, Medical Humanities Program, Department of Medicine, Loyola University of Chicago, Stritch School of Medicine, Maywood, IL.
 2000-06 Associate Professor, Department of Bioethics, School of Medicine, Case Western Reserve University, Cleveland, OH.
 2006- Professor, Department of Bioethics, Case Western Reserve University, Cleveland, OH.

Honors:

- 1975-78 Pre-Doctoral Fellowship, National Institute of Mental Health, Social Sciences and Health Services Training Program; Dept Behavioral Science, University of Kentucky Medical School, Lexington, KY.
 1991-94 Kellogg National Fellowship Program. Three year leadership award.
 2005 Mather Prize for Women's Scholarship, School of Medicine, Case Western Reserve University

Selected National Responsibilities:

- 1990-97 Board Member, Society for Bioethics Consultation.
 1993-1996 Board Member, Society for Medical Anthropology.
 1997-99 Board Member, American Society for Bioethics and Humanities
 1999-02 Advisory Board, Fogarty International Center, National Institutes of Health
 2001-03 Member, National Academy of Sciences Study Panel: IRBs, Surveys and Social Science Research

B. Selected peer-reviewed publications (in chronological order). Do not include publications submitted or in preparation.

Selected Articles:

1. Marshall P, Research Ethics in Applied Anthropology. *IRB: A Review of Human Subjects Research* 14(6): 1-5, November December 1992.

1. Marshall P. Anthropology and Bioethics. *Medical Anthropology Quarterly* 6(1):49-73, 1992.
2. Marshall P, Thomasma D, Bergsma J. Intercultural Reasoning: The Challenge for International Bioethics. *Cambridge Quarterly of Healthcare Ethics* 3(3):321-328, 1994.
3. Marshall P, O'Keefe JP. Medical Students' First-Person Narratives of a Patient's Story of AIDS. *Social Science and Medicine* 40(1):67-76, 1995.
4. Orr R, Marshall P, Osborn J. Cross-Cultural Considerations in Clinical Ethics Consultations. *Archives of Family Practice* 4:159-164, 1995.
5. Marshall P. The SUPPORT Study: Who's Talking? *Hastings Center Report* 25(6):S9-S11, 1995.
6. Marshall P, Daar A, Thomasma D. Marketing Human Organs: The Autonomy Paradox. *Theoretical Medicine* 17(1):1-18, March 1996.
7. Marshall P, Thomasma D, Muraskas J, Myers T, Tomich P and O'Neill J. The Ethics of Caring for Conjoined Twins: The Lakeberg Twins, *Hastings Center Report* 26(4):4-12, July-August 1996.
8. Kelly S, Marshall P, et. al. Understanding the Practice of Ethics Consultation: Results of an Ethnographic Multi-Site Study. *Journal of Clinical Ethics* 8(2):136- 149, 1997.
9. Hern H, Koenig B, Moore L, Marshall P. The Difference That Culture Can Make in End-of-Life Decision-making. *Cambridge Quarterly of Healthcare Ethics* 7(1):27-40, 1998.
10. Marshall P, Daar A. Cultural and Psychological Dimensions of Human Organ Transplantation. *Annals of Transplantation* 3(2):7-11, 1998.
11. Carrese J, Marshall P. Teaching Anthropology in the Medical Curriculum. *American Journal of the Medical Sciences* 319(5):297-305, 2000.
12. Strenski T, Marshall P, Gacki J, Sanchez C. The Emergent Impact of Syringe Exchange Programs on Shooting Galleries and Injection Behaviors in Three Ethnically Diverse Chicago Neighborhoods. *Medical Anthropology* 18:4315-438, 2000.
13. Marshall P, Koenig B. Bioethiques et Anthropologie: Situer le <<Buen>> dans la Pratique Medicale [Bioethics and Anthropology: Locating the "Good" in Medical Practices] *Anthropologie et Societes* 24(2):35-55, 2000.
14. Marshall P, Rotimi C. Ethical Challenges in Community Based Research. *American Journal of Medical Sciences* 322(5):241-5, 2001.
18. Crawley L, Marshall P, Lo B, Koenig B. Strategies for Culturally Effective End-of-Life Care. *Annals of Internal Medicine* 136:673-679, 2002.
19. Heimer R, Clair S, Grau L, Bluthenthal, Marshall P, Singer M. Hepatits-Associated Knowledge is Low and Risks are High in a Three-City Cohort of HIV-Savvy Injection Drug Users. *Addiction* 97:1277-1287; 2002.
20. Kuczewski M, Marshall P. Decision Dynamics in Clinical Research: the Context and Process of Informed Consent. *Medical Care* 40(9), Supplement, V-45-54; 2002.
21. Marshall P. Human Subjects Protections, Institutional Review Boards, and Cultural Anthropological Research. *Anthropological Quarterly* 76(2):281-297; 2003.
22. The International HapMap Consortium (with P. Marshall). The International HapMap Project. *Nature* 426:789-795; 2003.
23. The International HapMap Consortium (with P. Marshall). Integrating ethics and science in the International HapMap Project. *Nature Reviews Genetics* 5, 467-475 (2004).
24. Marshall P. The Individual and the Community in International Genetic Research. *Journal Clinical Ethics* 15(1):76-86, 2004.
25. Marshall P, Koenig B. Accounting for Culture in a Globalized Bioethics. *Journal of Law, Medicine and Ethics* 32(2):252-256, 2004.
26. Sankar P, Cho MK, Condit CM, Hunt LM, Keonig B, Marshall P, Lee SS, Spicer P. Genetic Research and Health Disparities. *Journal American Medical Association* 291(24):2985-2989, 2004.
27. Grau L, Bluthenthal R, Marshall P, Singer M, Heimer R. Psychosocial and behavioral differences among drug injectors who use and do not use syringe exchange programs. *Addiction*, 2005; 9(4).
28. Marshall P. Human Rights, Cultural pluralism, and international health research. *Theoretical Medicine and Bioethics* 2005; 6:529-557.
29. Marshall P. Informed consent in international health research. *Journal of Empirical Research on Human-Research Ethics*. 2006; 1(1):25-42.
30. Marshall P, Adebamowo C, Adeyemo A, et al. Voluntary participation and informed consent to international genetic research. *American Journal Public Health* (in press, 2006).

C. Research Support. List selected ongoing or completed (during the last three years) research projects (federal and non-federal support). Begin with the projects that are most relevant to the research proposed in this application. Briefly indicate the overall goals of the projects and responsibilities of principal investigator identified above.

Ongoing:

Principal Investigator

2 R01 HG002207-04 (Continuation) 9/1/03-8/31/07

Consent in Genetic Research: An International Trial

NIH/National Human Genome Research Institute

Principal Investigator: P. Marshall, PhD., Department of Bioethics, CWRU. The primary goals of this study are: 1) to develop, test, and implement a videotaped educational intervention to improve informed consent for genetic epidemiological research on hypertension and breast cancer being conducted with populations of African heritage in the U.S. and Nigeria; 2) to conduct a randomized trial to test the effect of the videotaped educational intervention on two specific outcomes: a) comprehension of research goals, risks, benefits, procedures, and voluntariness; and b) participation during the informed consent discussion as measured by the number and quality of questions asked; 3) to identify mechanisms to improve informed consent procedures for genetic epidemiological research to ensure that they are culturally appropriate, maximally informative, and protective for ethnically diverse populations in industrialized and resource-poor nations. The sample population includes African Americans participating in genetics research on colorectal cancer in Cleveland, Ohio (CWRU), genetics research on hypertension in Washington, DC, (Howard University), and Yoruba communities participating in genetics research on hypertension in Ibadan, Nigeria (University of Ibadan), and genetics research on breast cancer in Ibadan, Nigeria (University of Ibadan). *Responsibilities:* Overall direction of research design and implementation, data management and analysis, and publication of results.

Co-Investigator:

TW01603-02 (Continuation) 9/30/2003 – 5/31/2006

NIH/Fogarty International Center

Fogarty International Bioethics Training Grant

Principal Investigator: S. Loue, Dept. of Epidemiology, CWRU. The goal of this training grant is to provide opportunities for advanced training on ethical problems in international research for individuals from resource nations, including Uganda, Nigeria, Romania, and Russia. *Responsibilities:* Assist in program development, selection of fellows, academic supervision, course development, teaching, ongoing program evaluation.

R01-MH63016 8/2001-7/2006

NIH/National Institute of Mental Health

HIV Prevention, Severely Mentally Ill Latinas

Principal Investigator: S. Loue, Dept. of Epidemiology, CWRU. The primary objective of this project is to describe the HIV risk and prevention behaviors of Puerto Rican and Mexican severely mentally ill women, ages 18-45, in Cuyahoga and Dan Diego Counties and the context in which such behaviors occur (severely mentally ill, SMI: schizophrenia, bipolar disorder, and major depression). *Responsibilities:* Assist in development of ethnographic interviews and analysis of qualitative data.

RO1-HG002677 5/2002-4/2006

NIH/National Human Genome Research Institute

Engaging African Communities for the HapMap Project

Principal Investigator: C. Rotimi, Genetic Epidemiology, Human Genome Center, Howard University. The goal of this study is to engage communities in west, east, and southern Africa in order to obtain appropriate approval and consent for participant in the HapMap Project (an international collaborative project to produce a haplotype map of the human genome). Specific aims include: 1) design a culturally appropriate process of community engagement in Nigeria and Kenya for considering the risks, benefits, and relevance of the

Principal Investigator/Program Director (Last, First, Middle):

development of a haplotype map of the human genome; 2) collect biological samples from community members in Nigeria and Kenya for the HapMap project; and 3) develop mechanisms for community feedback.

HS-13152-01

9/3/02 – 7/31/06

NIH

Understanding Consent to Tissue Donation

Principal Investigator: L. Siminoff, Center for Biomedical Ethics, CWRU. The goal of this study is to examine a range of issues associated with informed consent in tissue donation, including the decision-making and informational needs of families. The study will be conducted at 13 tissue banks around the country.

PAR-00-054

4/1/04 – 3/31/09

NIH

Center for AIDS Research (CFAR)

Principal Investigator: M. Lederman, MD, CWRU. The goals are to promote increased collaboration between basic and clinical researchers through a central administrative structure, development of appropriate forums for sharing and exchange of ideas and pilot funding for interdisciplinary research. The Center will enhance the depth and breadth of AIDS research by coordinated development of core activities and recruitment of new investigators. My responsibilities include coordinating the activities of the Ethics Working Group.

P50-HG

7/1/04-6/31/09

NIH, National Human Genome Research Institute (CGREAL)

Center for Genetic Research Ethics and Law

Principal Investigator: E.T. Juengst, Ph.D., Department of Bioethics, CWRU. Specific Aims: To coordinate and support interdisciplinary research projects examining the ethical and legal issues arising in six kinds of human genetic research: genetic family studies, community-based genetic epidemiology, human genetic variation research, genome-wide scanning research, commercially-based research and research aimed at genetic enhancements. My responsibilities include participation in overall Center activities and directing the project on community engagement in international genetics research.

1K07 CA108457-01 (Simon, PI) 09/01/04-08/31/09 Mentor

NIH/NCI

Internet Use and Informed Consent

Specific objectives are to: (1) advance training in the area of normative and theoretical bioethics; (2) complete training as an empirical researcher, including in advanced statistical methods, specifically as applied to bioethics; (3) develop capacity to work in international bioethics; (4) obtain training and experience as a behavioral interventionist; and, finally, (5) develop a research on informed consent leading to (R01) award.

Pending

1U01 HG004208-01K07 CA108457-01 (Patricia Marshall, PI) 09/29/06-09/28/08

NIH/NIHGR

Environmental Health Genomics Biobanking: A National Debate

Overlap: No overlap in scope, effort, or other budgetary items.