

CURRICULUM VITAE

CHRISTINE GRADY, RN, PH.D., FAAN

e-mail: cgrady@nih.gov

CURRENT POSITION

Department Chief, (2012-
Tenured Investigator (2004-present)
Head, Section on Human Subjects Research (1998-present)
Senior Staff Bioethicist (1996- present)
Department of Bioethics
National Institutes of Health Clinical Center
Building 10, 1C118
Bethesda, MD

EDUCATION

1993 **Ph.D.** (Philosophy)
Georgetown University
Washington DC

1978 **M.S.** (Community Health Nursing, Clinical Specialist Tract)
Boston College
Chestnut Hill, MA

1974 **B.S.** (Nursing/Biology)
Georgetown University
Washington DC

PREVIOUS POSITIONS

2009-2011 **Acting Department Chief**
1996-1998 Department of Clinical Bioethics, Clinical Center
National Institutes of Health, Bethesda, MD

1995-1997 **Adjunct Assistant Professor and Clinical Scholar**
School of Nursing and Center for Clinical Bioethics
Georgetown University, Washington, DC

1994-1996 **Assistant Director for Clinical Science**
Acting Laboratory Chief, Clinical Therapeutics Laboratory
Acting Clinical Director, Division of Intramural Research
National Institute of Nursing Research, National Institutes of Health, Bethesda MD

1989- 1993 **Research Associate, Clinical Therapeutics Laboratory**
National Institute of Nursing Research, National Institutes of Health, Bethesda MD

- 1983-1989** **Clinical Nurse Specialist, Allergy, Immunology, Infectious Diseases**
W.G. Magnuson Clinical Center, National Institutes of Health, Bethesda, MD
- 1983** **Instructor, seminar leader, and advisor**
New Jersey Governor's School, Long Branch, New Jersey
- 1983** **Staff R.N. (per diem)**
Tufts-New England Medical Center and Brigham and Women's Hospital, Boston MA
- 1980-1982** **Nurse Educator- Manager of Ambulatory Care**
Project Hope
Federal University of Alagoas
Macéio, Alagoas, Brazil
- 1980**
(June- Nov) **Nursing supervisor**
Martha's Vineyard Hospital, Oak Bluffs, MA
- 1979 – 1980** **Assistant Professor of Nursing**
California State University at Humboldt, Arcata CA.
- 1978-1979** **Nursing Education Faculty**
North Shore Community College, Beverly MA.
- 1976-1979** **Staff R.N.**
Clinical Studies Unit, Tufts-New England Medical Center
Boston, MA
- 1975** **Staff R.N. and shift supervisor**
Nantucket Cottage Hospital, Nantucket, MA
- 1974-1975** **Staff R.N.**
Massachusetts General Hospital, Boston, MA

PROFESSIONAL LICENSURE

Licensed RN with the Board of Nursing in Massachusetts (1974- present)

Certified Clinical Specialist in Medical Surgical Nursing 1986-1994, American Nurses Association

ACTIVE BOARDS AND OTHER POSITIONS

Commissioner, Presidential Commission for the Study of Bioethical Issues (2010- present)

Member, Scientific Advisory Board, President's Emergency Plan for AIDS Relief (2011- present)

Co-Chair, NIH Task Force on NIH's Role and Investment in Bioethics Research, Training and Translation (2009-present)

Member, Association of Directors of Bioethics Programs (2009-present)

Member (ex-officio), Intramural Clinical Research Steering Committee (2009-present)

Member, Clinical Research Ethics Key Function Committee, CTSA (2007- present)

Member, Combined Neuroscience IRB (purple) (2012-)

Member, Gaucher Initiative Expert Committee, Project Hope (2007-present)

Elected Fellow, Hastings Center (2002- present), elected to Fellows Council 2005

Member, External Advisory Board, Cleveland Fellowship in Advanced Bioethics (2006- present)

Member, TOPCAT Data Monitoring Committee (2006- present)

Faculty Affiliate, Kennedy Institute of Ethics (2002- present)

Attending, Bioethics Consultation Service, NIH (1996- present)

Member, Ethics Panel, Adolescent Medical Trials Network, NICHD (2002-present)

Member, Trans NIH Bioethics Committee (1997- present)

Member, NIDDK/NIAMS IRB (1996- present)

Member, Human Subjects Research Advisory Committee, NIH (1996-present)

Member, NIH Clinical Center Ethics Committee (1991- present)

Member, NIH Bioethics Interest Group (1998-present)

ACTIVE EDITORIAL POSITIONS

Member, Editorial Board, *Journal of Empirical Research on Human Research Ethics*, 2005- present

Member, Editorial Board, *IRB: Ethics and Human Research*, 2000- present

Member, Editorial Board, *Research Practitioner*, 2000- present

Member, Advisory Committee, *Yale Journal of Health Law and Policy*, 2000- present

PAST BOARDS AND OTHER POSITIONS

Vice Chair, Fellows Council, ex-officio member of the Board of Directors, Hastings Center (2006- 2009)

Member, NIDDK/NIAMS IRB (1996- 2011)

Co-Chair, NIH Ethics Subcommittee, CTSA Consortium, (2007- 2009)

Member, Data Access Committee, Genetic Association Information Network (GAIN/NHGRI), (2007- 2009)

Member, Workgroup on Post Traumatic Stress Disorder and Vulnerable Populations in Research
Veterans Health Administration (2009)

Member, Data Safety and Monitoring Committee, STAR (Study of tamoxifen and raloxifene) trial, NSABP,
Pittsburgh, PA. (1999- 2006)

Chair, Pediatric Nurse Manager Search Committee, Clinical Center (2003- 2005)

Member, NIH Human Pluripotent Stem Cell Review Group (2002- 2003)

Member, Clinical Research Roundtable, Institute of Medicine, National Academy of Sciences, Washington DC (2002- 2003)

Member, Operations committee, The Children's Inn (2000-2005)

Member, Aeras Global TB Vaccine Foundation, IRB and Data Safety and Monitoring Committee (2000-2005)

Member, Data Safety and Monitoring Committee, Submacular Surgery Trials (SST), NEI, Baltimore, MD. (1997-2004)

Vice Chair, NIH Clinical Center Ethics Committee (1996- 2003)

Member, Observational Safety and Monitoring Board, SAGA (Sarcoidosis Genetic Analysis) study, NHLBI (1999-2003)

Member, Search Committee for Director of Nursing Services, Clinical Center NIH

Senior Research Fellow, Kennedy Institute of Ethics

Ex Officio Member, Workgroup on IRB Guidelines, Department of Health, State of New York, 1997-98.

Consultant, UNAIDS/ World Health Organization. Uganda (1996), Washington DC (1998), Geneva (1998).

Member, NIH Committee on Scientific Integrity and Ethics. (1996-2000)

Co-Director and Faculty, Bioethics for the Health Professions, Georgetown University Schools of Medicine and Nursing (1995-1997)

Member REGO II Options Team, NIH Clinical Center, 1995.

Member, Steering Committee, HIV Preventive Vaccines: Social, Ethical, and Political Considerations in Domestic Efficacy Trials, AIDS Action Foundation, (1993-1994)

Member, Editorial Board, *Journal of the Association of AIDS Care*, 1993

Member, American Association of Critical Care Nurses HIV Task Force, August 1991-March 1992.

Co-Chair, 1991 Association of Nurses in AIDS Care Annual Meeting.

Consultant, National Center for Nursing Research Priority Expert Panel on HIV Research, October 1988-May 1989.

Member, PHS AIDS Work Group on Patient Care and Health Care Delivery, Public Health Service, January 1986 - May 1988.

Staff, President's Commission on the HIV Epidemic
Washington, DC, 1987- 1988

Member, Intra governmental Task Force on AIDS Health Care Delivery
Public Health Service, January 1987 - September 1987.

Chairperson, Review Team for Abstracts on Health Care, 3rd International Conference on AIDS-1987.

Participant, Prevention and Control of AIDS: Planning for 1991, U.S. Public Health Service, Member of Patient Care and Health Care Delivery Subgroup, Coolfont, WV, June 1986.

Member, Task Force on AIDS, District of Columbia Board of Education, September 1985 -January 1986.

Nurse volunteer, Hospice of Humboldt, Eureka, CA, September 1979 – June 1980

AWARDS AND HONORS

National Institutes of Health Director's Ruth Kirschstein Mentoring Award, 2011

National Institutes of Health Clinical Center Director's Award 2009

National Institutes of Health Director's Award, 2007

Elected Fellow (2002), to Fellows Council (2005), and Vice Chair of the Council (2006) of the Hastings Center

National Institutes of Health Director's Award, 1999

Elected Fellow in the American Academy of Nursing, 1997

Outstanding Research Article Award, Journal of the Association of Nurses in AIDS Care, 1997

First Annual Faye G. Abdellah Publication Award, US Public Health Service 1993

Assistant Secretary of Health Award, US Department of Health and Human Services, 1988

Nursing Research Award, NIH Clinical Center Nursing Department 1987

Distinguished Alumna Award, Georgetown University School of Nursing 1987

Distinguished Nurse Award, NIH Clinical Center Nursing Department 1986

Sigma Theta Tau Honor Society

NIH Awards:

- April 2008- Quality increase
- March 2007- Incentive Award
- July 2005- On the spot award
- September 2004- Quality increase
- October 2003- On the spot award
- April 2002- On the spot award
- June 2001- On the spot award
- November 2000- On the spot award
- December 1999- On the spot award
- December 1998-Cash award
- August 1998- Cash award
- December, 1997- Special Achievement award
- April, 1997-Special Achievement award

- September, 1996-Quality increase
- March, 1995-Performance award
- March, 1994-Quality increase
- May 1992-Performance award
- June, 1991- Cash award
- December 1990-Service award
- May 1990- Performance award
- August 1988- Quality increase
- July 1988- Special Act award
- May 1986- Quality increase

PUBLICATIONS

BOOKS

Danis M, Largent E, Wendler D, Hull S, Shah S, Millum J, Berkman B, Grady C. Research Ethics Consultation: A Case Book. New York: Oxford University Press. 2012

Emanuel EJ, Crouch RA, Grady C, Lie R, Miller FG, Wendler D. (eds) The Oxford Textbook of Clinical Research Ethics New York: Oxford University Press. 2008

Lavery J, Grady C, Wahl E, Emanuel E. (eds) Ethical Issues in International Biomedical Research: A Casebook. New York: Oxford University Press. 2007

Emanuel E, Crouch R, Arras J, Moreno J, Grady C. (eds) Ethical and Regulatory Aspects of Clinical Research: Readings and Commentary. Baltimore and London: The Johns Hopkins University Press. 2003

HIV Vaccine. Bloomington, Indiana: Indiana University Press. 1995

BOOK CHAPTERS

Ulrich C and Grady C. Ethical Issues in Critical Care, Chapter in P Morton, D Fontaine, C Hudak, & B. Gallo (eds). Critical Care Nursing: A Holistic Approach, 10ⁿ edition. Philadelphia: Lippincott, Williams and Wilkins; 2012

Grady C., Advance Directives, Decision Making, and Withholding and Withdrawing Treatment, Chapter 56 in Berger A, Shuster J, Von Roenn J. (eds), Principles and Practice of Palliative Care and Supportive Oncology, 4th edition. Philadelphia: Lippincott, Williams and Wilkins, 2012

Grady C. Writing a Consent Form, Chapter 35 in W.K. Kelly and S. Halabi. Oncology Clinical Trials: Successful Design, Conduct, and Analysis. NY: Demos Medical, 2010: 327-333.

Grady C. Clinical Trials in The Hastings Center Bioethics Briefing Book for Journalists, Policymakers, and Campaigns. NY: Hastings Center, 2008:11-14

Grady C and Levine R. Shared responsibility for treatment in the South African phase 1 HIV preventive vaccine trials. Chapter 13.2 in J. Lavery, C. Grady, E. Wahl, E. Emanuel Ethical Issues in International Biomedical Research: A Casebook. New York: Oxford University Press. 2007: 225-230.

Grady C. Ethics of vaccine research. Chapter 2 in A.S. Iltis (ed) Research Ethics, New York/London: Routledge Taylor and Francis Group. 2006: 22-31.

Grady C. Ethical Issues in Critical Care, Chapter 7 in P Morton, D Fontaine, C Hudak, & B. Gallo (eds). Critical

Care Nursing: A Holistic Approach, 8th edition. Philadelphia: Lippincott, Williams and Wilkins; 2005; 9th edition, 2009

Grady C. Ethical Principles in Clinical Research. Chapter 2 in J. Gallin (ed) Principles and Practice of Clinical Research. New York: Academic Press; 2002: 15-26. Chapter 2 in J. Gallin and F. Ognibene 2nd Edition, 2007: 15-26. Chapter 2 in 3rd edition, 2012.

Wiener L., Septimus A. and Grady C. Psychosocial support and ethical issues for the child and family. Chapter 40 in P. Pizzo and C. Wilfert (eds) Pediatric AIDS, 3rd Edition. Baltimore, MD: Lippincott, Williams and Wilkins; 1998: 703-727.

Grady C. Ethics, Genetics, and Nursing Practice. Chapter 9 in D. Lea, J. Jenkins, and C. Francomano (eds). Genetics in Clinical Practice. Boston: Jones and Bartlett Publishers; 1998: 221-252.

Grady C. HIV Disease: Ethical Considerations for clinicians. Chapter 34 in V. DeVita, S. Hellman, S. Rosenberg, J. Curran, M. Essex, and A. Fauci (eds). AIDS: Etiology, Diagnosis, Prevention, and Treatment, 4th edition, Philadelphia: J.B. Lippincott Co.; 1997: 633-642.

Grady C. Ethical issues in critical care. Chapter 7 in C. Hudak, B. Gallo, and P. G. Morton (eds). Critical Care Nursing: A Holistic approach, 7th edition. Lippincott Raven Publishers; 1997: 71-81.

Grady C. and Barrick B. AIDS and the Spectrum of HIV Disease. Chapter 44 in R. McCorkle, M. Grant, S. Baird, and M. Frank-Stromberg (eds). Cancer Nursing: A Comprehensive Textbook, 2nd edition. W.B. Saunders; 1996.

Grady C. HIV Disease: Pathogenesis and Treatment. In J. Flaskerud and P. Ungvarski (eds), HIV/AIDS: A Guide to Nursing Care 2nd edition. Philadelphia: WB Saunders Co., 1992: 30-53.

Grady C. Ethical Aspects. In J. Flaskerud and P. Ungvarski (eds), HIV/AIDS: A Guide to Nursing Care 2nd edition. Philadelphia: WB Saunders; 1992: 424-439.

Grady C. Future Treatments, Alternate Therapies, and Vaccine Development, Chapter 14, in Durham, J and Cohen, F (eds), The Person with AIDS: Nursing Perspectives, 2nd edition, New York: Springer Publishers, 1991: 348-360.

Grady C. Intervention for Clients with Immune System Disorders, Chapter 27 in Ignatavicius, D. and Bayne, M. (eds). Medical Surgical Nursing: A Nursing Process Approach, Philadelphia: WB Saunders, 1991: 631-674.

Grady C. HIV Infection: Prospects for Treatment and Chemoprevention, in Knobf, Greene and Hubbard (eds). Current Issues in Cancer Nursing Practice, Philadelphia: JB Lippincott Company, 1990: p.49-58.

Grady C. AIDS and The Immune System, Chapter 2 in Flaskerud, J. (ed), AIDS/HIV Infection: A Reference Guide for Nursing Professionals, Philadelphia: WB Saunders, 1989.

Grady C. AIDS Update. In Nurse's Reference Library Nursing Yearbook 88. Springhouse, PA.: Springhouse Corp. 1988

Grady C. Present and future directions in prevention and treatment. Chapter 12 of Durham, J. and Cohen F. (Eds.), The Person with AIDS: Nursing Perspectives. New York: Springer Publishing Co. 1987.

Grady C. AIDS Update. In Nurse's Reference Library Nursing Yearbook 87. Springhouse, PA.: Springhouse Corporation, 1987.

Grady C. and Johnstone B. Immune disorders. In Nurses' Reference Library Yearbook 86/87. Springhouse, PA: Springhouse Corporation. 1986.

Grady C. Overcoming immunodeficiencies. Chapter 5 of Immune Disorders, Nurses Clinical Library. Springhouse, PA: Springhouse Corporation; 1985.

Grady C. Adrenocorticosteroid replacement therapy. In K Zander et al., Practical Manual of Patient Teaching. St. Louis: CV Mosby. 1978

JOURNAL ARTICLES

Largent E, Grady C, Miller F, Wertheimer A. Misconceptions about coercion and undue influence: reflections on the views of IRB members. *Bioethics*. 2012 Apr 12. doi: 10.1111/j.1467-8519.2012.01972.x. [Epub ahead of print]

Ulrich C, Grady C, Perceptions of appropriateness of care in the intensive care unit. *JAMA* 2012 Apr 4;307(13):1370-1; author reply 1371-2.

Wiener L, Crum C, Grady C, Merchant M. To Friend or Not to Friend: The Use of Social Media in Clinical Oncology. *J of Oncology Practice*, 2012 Mar; 8 (2): 103-106

Mandava A, Pace C, Campbell B, Emanuel E, Grady C. The quality of informed consent: mapping the landscape. A review of empirical data from developing and developed countries, *J Med Ethics* 2012.

Largent EA, Grady C, Miller FG, Wertheimer A. Money, coercion, and undue inducement: attitudes about payments to research participants *IRB*. 2012 Jan-Feb; 34(1):1-8.

Schaefer GO, Sinaii N, Grady C. Informing egg donors of the potential for embryonic research: a survey of consent forms from U.S. in vitro fertilization clinics. *Fertil Steril*. 2012 Feb;97(2):427-33.

Ulrich C., Knafk K, Ratcliffe S, Richmond T, Grady C, Miller-Davis C, Wallen G Developing a Model of the Benefits and Burdens of Research Participation in Cancer Clinical Trials *AJOB Primary Research*, 2012; 3(2): 1–14

Grady C, Rubinstein YR, Groft SC. Informed consent and patient registry for the rare disease community: Editorial. *Contemp Clin Trials*. 2012; 33:3–4

Ulrich CM, Zhou Q, Ratcliffe SJ, Ye L, Grady C, Watkins-Bruner D. Nurse Practitioners' attitudes about cancer clinical trials and willingness to recommend research participation. *Contemp Clin Trials*. 2012 Jan; 33(1):76-84

Foulkes MA, Grady C, Spong CY, Bates A, Clayton JA. Clinical research enrolling pregnant women: a workshop summary. *Journal of Women's Health* (Larchmt). 2011 Oct; 20(10):1429-32.

Abbott L, Grady C. A systematic review of the empirical literature evaluating IRBs: What we know and what we still need to learn; *Journal of Empirical Research on Human Research Ethics*, 2011, 6(1), 3-20

Fleischman A, Levine C, Eckenwiler L, Grady C, Hammerschmidt D, Sugarman J. Dealing with the social implications of research. *American Journal of Bioethics*, 2011; 11(5):1-5.

Stunkel L, Grady C. More than the money: A review of the literature examining healthy volunteer motivations. *Contemp Clin Trials*. 2011 May; 32(3):342-52

Polanco FR, Dominguez DC, Grady C, Stoll P, Ramos C, Mican JM, Miranda-Acevedo R, Morgan M, Aizvera J, Purdie L, Koziol D, Rivera-Goba MV. Conducting HIV Research in Racial and Ethnic Minority Communities: Building a Successful Interdisciplinary Research Team. *J Assoc Nurses AIDS Care*. 2011 Sep-Oct; 22(5):388-96

Rivera-Goba MV, Dominguez DC, Stoll P, Grady C, Ramos C, Mican JM. Exploring Decision-Making of HIV-Infected Hispanics and African Americans Participating in Clinical Trials. *J Assoc Nurses AIDS Care*. 2011 Jul-Aug; 22(4):295-306

Smith W, Grady C, Krohmal B, Lazovski J, Wendler D. Empirical evaluation of the need for 'on-going consent' in clinical research. *AIDS* 2011, 25:107–114

Grady C. Do IRBs Protect Human Research Participants? *J Am Med Assoc* 2010; 304(10):1122-1123.

Ulrich CM, Taylor C, Soeken K, O'Donnell P, Farrar A, Danis M, Grady C. Everyday ethics: ethical issues and stress in nursing practice. *J Adv Nurs*. 2010 Nov; 66(11):2510-19.

Stunkel L, Benson M, McLellan L, Sinaii N, Bedarida G, Emanuel E, Grady C. Comprehension and Informed Consent: Assessing the Effect of a Short Consent Form. *IRB: Ethics & Research*, 2010, 32(4): 1-9

Henderson DK, Dembry L, Fishman NO, Grady C, Lundstrom T, Palmore TN, et al. SHEA guideline for management of healthcare workers who are infected with hepatitis B virus, hepatitis C virus, and/or human immunodeficiency virus. *Infect Control Hosp Epidemiol*. 2010 Mar.31 (3):203-32

Ulrich C, Hamric A, Grady C. Moral Distress: a Growing Problem in the Health Care Professions? *The Hastings Center Report* 2010; 40(1): 20-22.

Beskow L, Grady C, Iltis A, Sadler J, Wilfond B. Points to Consider: The Research Ethics Consultation Service and the IRB, *IRB: Ethics & Research* 2009, 31(6): 1-9.

Grady C, Edgerly M. Science, Technology, and Innovation: Nursing Responsibilities in Clinical Research, *Nursing Clinics of North America* 2009; 44: 471–481

Shah S, Elmer S, Grady C. Planning for Post-trial Access to Antiretroviral Treatment for Research Participants in Developing Countries. *American Journal of Public Health* 2009; 99(9): 1-

Fojo T, Grady C. How Much Is Life Worth: Cetuximab, Non – Small Cell Lung Cancer, and the \$440 Billion Question. *Journal of the National Cancer Institute* 2009, 101 (15): 1-5

Lazovski J, Lusso M, Krohmal B, Emanuel EJ, Grady C, Wendler D Benefits and burdens of participation in a longitudinal clinical trial. *Journal of Empirical Research in Human Research Ethics* 2009 Sep;4(3):89-97.

Ulrich C, Zhou Q, Grady C. Recommending Research Participation to Patients: An Ethical Imperative? *Clinical Scholars Review* 2009 2(2): 41-44.

Ulrich, C., & Grady, C. Doing "good" with limited resources: Is it good enough in the provision of quality clinical care? *Clinical Scholars Review* 2009, 2(1), 5-7.

Koyfman S, McCabe M, Emanuel EJ, Grady C. A Consent Form Template for Phase I Oncology Trials. *IRB: Ethics & Research* 2009; 31(4):1-8.

Grady, C. Vulnerability in Research: Individuals with Limited Financial and/or Social Resources *Journal of Law, Medicine, and Ethics*. 2009, 37(1): 19-27.

Grady C, Danis M, Soeken K, O'Donnell P, Taylor C, Farrar A, Ulrich C. "Does Ethics Education Influence the Moral Action of Practicing Nurses and Social Workers?" *American Journal of Bioethics* 2008. 8(4): 4-11.

- Grady C, Danis M, Soeken K, O'Donnell P, Taylor C, Farrar A, Ulrich C. Response to Peer Commentary on "Does Ethics Education Influence the Moral Action of Practicing Nurses and Social Workers?" *American Journal of Bioethics* 2008. 8(4): 1-2.
- Wendler D, Krohmal B, Emanuel E, Grady C, for the ESPRIT group. "Why Patients Continue to Participate in Clinical Research" *Archives of Internal Medicine* 2008. 168(12): 1294-1299
- Emanuel E, Grady C. "Case study. Is Longer Always Better?" Commentary, *The Hastings Center Report* 2008. 38(3):10-11
- Participants in the 2006 Georgetown University Workshop on the Ancillary-Care Obligations of Medical Researchers Working in Developing Countries. "The Ancillary-Care Obligations of Medical Researchers Working in Developing Countries". *PLoS Medicine* 2008. 5(5): e90 doi:10.1371/journal.pmed.0050090
- Wendler D, Grady C. "What should research participants understand to understand they are participants in research?" *Bioethics* 2008. 22(4): 203-208.
- Persad GC, Little RF, Grady C. Including Persons with HIV Infection in Cancer Clinical Trials. *Journal of Clinical Oncology* 2008 ;26(7):1027-1032
- Grady C, Wagman J, Ssekubugu R, Wawer M, et al. "Research Benefits for Hypothetical HIV Vaccine Trials: The views of Ugandans in the Rakai District". *IRB: Ethics and Human Research* 2008. 30(2): 1-7.
- Seidenfeld J, Horstmann E, Emanuel E, Grady C. Participants in phase 1 oncology research: Are they vulnerable?" *Archives of Internal Medicine* 2008; 168(1): 16-20.
- O'Donnell P, Farrar A, BrintzenhofeSzoc K, Conrad A, Danis M, Grady C, Taylor C, Ulrich C. Predictors of ethical stress, moral action, and job satisfaction in health care social workers. *Social Work Health Care* 2008. 46(3): 29-51
- Danis M, Farrar A, Grady C, Taylor C, O'Donnell P, Soeken K, Ulrich C. Does fear of retaliation deter requests for ethics consultation? *Medicine, Health Care and Philosophy* 2008 Mar;11(1):27-34. Epub 2007 Oct 16.
- Henderson GE, Churchill LR, Davis AM, Easter MM, Grady C, et al. Clinical trials and medical care: Defining the therapeutic misconception. *PLoS Med* 2007 4(11): e32
- Hardy NM, Grady C, Pentz R, Stetler-Stevenson M, Raffeld M, Fontaine LS, Babb R, Bishop MR, Caporaso N, Marti GE. Bioethical considerations of monoclonal B cell lymphocytosis: haematologic stem cell donation. *British Journal of Haematology* 2007 Dec 13; 9(5): 824-831.
- Thiessen C, Ssekubugu R, Wagman J, Kiddugavu M, Wawer M, Emanuel E, Gray R, Serwadda D, Grady C. Personal and Community Benefits and Harms of Research: Views from Rakai, Uganda. *AIDS* 2007 Nov. 30; 21(18): 2493-2501
- Ulrich C, O'Donnell P, Taylor C, Farrar A, Danis M, Grady C. Ethical climate, ethics stress, and the job satisfaction of nurses and social workers in the United States. *Social Science & Medicine* 2007. 65:1708-1719.
- Denny C and Grady C. Clinical research with economically disadvantaged populations. *Journal of Medical Ethics* 2007 Jul; 33(7):382-5.
- Grady C. Quality Improvement and Ethical Oversight. *Annals of Internal Medicine*. 2007; 146(9): 680-681.

- Slutsman J, Buchanan D, Grady C. Ethical Issues in Chemoprevention Trials: Considerations for IRBs and Investigators. *IRB: Ethics and Human Research*. 2007; 29(2):
- Emanuel E and Grady C. Four Paradigms of Clinical Research and Research Oversight. *Cambridge Quarterly of Health Care Ethics*. 2006; 16(1): 82-96.
- Ulrich, C., Danis, M., Ratcliffe, S., Garrett-Mayer, E., Koziol, D., Soeken, K., & Grady, C. Ethical Conflict in Nurse Practitioners and Physician Assistants in Managed Care. *Nursing Research*. 2006; 55(6): 391-401.
- Merritt M and Grady C, "Reciprocity and Post-trial Access for Participants in Antiretroviral Therapy Trials" *AIDS* 20 (2006): 1791-1794
- Grady C, Horstmann E, Sussman J, Hull S. The Limits of Disclosure: What Research Subjects Want to Know About Investigator Financial Interests *Journal of Law, Medicine, and Ethics* 2006; 34(3): 592-599
- Grady C, Hampson L, Wallen G, Rivera-Goba M, Carrington K, Mittleman B. Exploring Perceptions about the Ethics of Clinical Research in an Urban Community. *American Journal of Public Health* 2006; 96(11): 1996-2001.
- Pace C, Grady C, Wendler D, Bebchuk J, Tavel J, McNay L, Forster H, Killen J, and Emanuel E. for the ESPRIT Group. Post Trial Access to Tested Interventions: The Views of IRB/REC Chairs, Investigators and Research Participants in a Multinational HIV/AIDS Study. *AIDS Research and Human Retroviruses* Sep 2006, Vol. 22, No. 9: 837-841
- Agrawal M, Grady C, Fairclough DL, Meropol NJ, Maynard K, Emanuel EJ. Patients' decision-making process regarding participation in phase 1 oncology research. *Journal of Clinical Oncology* 2006; 24 (27): 4479-4484
- Lie RK, Grady C, Emanuel EJ. Circumcision and HIV prevention research. An ethical analysis *Lancet* 2006; 368: 522-25
- Grady C. Ethics of international research: what does responsiveness mean? *Virtual Mentor*. April 2006;8:235-240. Available at: <http://www.ama-assn.org/ama/pub/category/3040.html>
- Sabik L, Pace CA, Forster HP, Wendler D, Bebchuk JD, Tavel JA, McNay LA, Killen J, Emanuel EJ, Grady C. Informed Consent: Practices and Views of Investigators in a Multinational Clinical Trial. *IRB: Ethics and Human Research* 2005; 27 (5): 13-18
- Grady C. Payment of clinical research subjects. *Journal of Clinical Investigation*. 2005; 115 1681-1687
- Ulrich CM, Wallen GR, Feister A, Grady C. Respondent Burden in Clinical Research: When Are We Asking Too Much of Subjects? *IRB: Ethics and Human Research* 2005; 27(4):17-20
- Pace C, Talisuna A, Wendler D, Maiso F, Wabwire-Mangen F, Bakayita N, Okiria E, Garrett-Mayer E, Emanuel E, and Grady C. Quality of Parental Consent in a Ugandan Malaria Study. *American Journal of Public Health* 2005; 95 1184-1189
- Grady C, Dickert N, Jawetz T, Gensler G, Emanuel E. An analysis of U.S. practices of paying research participants. *Contemporary Clinical Trials*. 2005; 26 (3):365-375
- Horstmann E, McCabe M, Grochow L, Yamamoto S, Rubinstein L, Budd T, Shoemaker D, Emanuel E, Grady C. Risks and Benefits of Phase I Oncology Trials 1991-2002. *New England Journal of Medicine*. 2005; 352(9): 895-904.
- Grady C. The Challenge of Assuring Continued Post-trial Access to Beneficial Treatment. *Yale Journal of Health*

Policy, Law, and Ethics. 2005; 5(1): 425-435.

Wendler D, Pace C, Talisuna A, Maiso F, Grady C, Emanuel E. Research on stored biological samples: the views of Ugandans. *IRB: Ethics and Human Research* 2005; 27(2): 1-5

Ulrich C, Danis M, Koziol D, Garrett-Mayer E, Hubbard R, and Grady C. Does it pay to pay? A randomized trial of prepaid financial incentives and lottery incentives in surveys of non-physician health care professionals. *Nursing Research* 2005; 54(2): 2-6.

Pace C, Emanuel E, Chuenyam T, Duncombe C, Bebchuk J, Wendler D, Tavel J, McNay L, Phanuphak P, Forster H, and Grady C for the ESPRIT Group. The Quality of Informed Consent in a Clinical Research Study in Thailand. *IRB: Ethics and Human Research* 2005; 27(1): 9-17

Wood A, Grady C, Emanuel E. Regional ethics organizations for protection of human research participants. *Nature Medicine*; 2004; 10: 1283 – 1288

Ulrich C and Grady C. Beneficent Deception: Whose Best Interests are We Serving? *American Journal of Bioethics*; 2004; 4(4): 76-77

Grady, C. Ethics of Vaccine Research. *Nature Immunology* 2004; 5(5):465-468

Levine C, Faden R, Grady C, Hammerschmidt D, Eckenwiler L, Sugarman J of the Consortium to Examine Clinical Research Ethics. The Limitations of “Vulnerability” as a Protection for Human Research Participants. *American Journal of Bioethics* 2004; 4(3): 44-49

Ulrich C, Grady C, Wendler D. Palliative Care: A Supportive Adjunct to Pediatric Phase I Clinical Trials for Anti-Cancer Agents? *Pediatrics* 2004; 114: 852 – 855

Participants in the 2001 conference on Ethical Aspects of Research in Developing Countries. Moral Standards for Research in Developing countries. From “reasonable availability” to “fair benefits” *The Hastings Center Report* 2004; 34(3): 17-27.

Levine C, Faden R, Grady C, Hammerschmidt D, Eckenwiler L, and Sugarman J. on behalf of the Consortium to Examine Clinical Research Ethics. “Special Scrutiny”: A Targeted Form of Research Protocol Review. *Annals of Internal Medicine* 2004; 140:220-223

Emanuel E, Wood A, Fleischman A, Bowen A, Getz K, Grady C, Levine C, Hammerschmidt D, Faden R, Eckenwiler L, Tucker C, Sugarman J. Oversight of Human Participants Research: Identifying Problems to Evaluate Reform Proposals. *Annals of Internal Medicine* 2004; 141(4):282-291.

Emanuel E, Wendler D, Killen J, Grady C. What Makes Clinical Research in Developing Countries Ethical? The Benchmarks of Ethical Research *Journal of Infectious Diseases* 2004; 189:930-7.

Ulrich C, Grady C. Financial incentives and response rates in nursing research. *Nursing Research* 2004; 53(2):73-4

Lie R, Emanuel E, Grady C, Wendler D. The Standard of Care Debate: The Declaration of Helsinki versus the International Consensus Opinion. *Journal of Medical Ethics* 2004; 30:190-193

Ulrich CM, Grady C. Research mentors: an understated value? *Nursing Research*. 2003; 52(3):139

Pace C, Grady C, Emanuel E. What we don't know about informed consent. *SciDevNet* 2003: August 28, <http://www.scidev.net/dossiers/ethics/>

Hornig S and Grady C. Misunderstanding in clinical research: distinguishing therapeutic misconception, therapeutic misestimation, and therapeutic optimism. *IRB: Ethics and Human Research*, 2003; 25(1): 11-16

Grady C. Thinking further about value: Commentary on "A Taxonomy of Value for Clinical Research". *IRB: Ethics and Human Research*, 2002; 24(6):7-8.

Participants in the Ethical Aspects of Research in Developing Countries, Fair Benefits for Research in Developing Countries. *Science* 2002; 298: 2133-2134.

Hornig S, Emanuel E, Wilfond B, Rackoff J, Martz K, Grady C., Descriptions of benefits and risks in consent forms for Phase I Oncology Trials. *New England Journal of Medicine*, 2002; 347(26):2134-2140.

Davis A, Hull S, Grady C, Wilfond B, Henderson G. The Invisible Hand in Clinical Research: The Study Coordinator's Critical Role in Human Subjects Research. *The Journal of Law, Medicine, and Ethics*, 2002; 30(3):411-419.

Wendler D, Rackoff J, Emanuel E, Grady C. The Ethics of paying for children's participation in research. *Journal of Pediatrics*. 2002; 141 (2): 166-171.

Ulrich C, Wallen G, Grady C. Research vulnerability and patient advocacy. *Nursing Research*, 2002; 51(2): 71

Dickert N, Emanuel E, Grady C. Decisions about paying research subjects: analysis of current policies. *Annals of Internal Medicine*, 2002; 136(5): 368-373.

Killen J, Grady C, Folkers G, Fauci A. Ethics of clinical research in the developing world. *Nature Reviews/Immunology*, 2002; 2: 210-215

Forster H, Emanuel E, and Grady C. The 2000 Revision of the Declaration of Helsinki: A Step Forward or More Confusion? *Lancet*, 2001; 358:1449-53

Grady, C. Clinical Research: The Power of the Nurse. *American Journal of Nursing*, 2001; 101(9):11

Miller F and Grady C. The Ethical Challenge of Infection-Inducing Challenge Studies, *Clinical Infectious Diseases*, 2001; 33: 1028-1033.

Grady C. Money for Research Participation: Does it jeopardize informed consent? *American Journal of Bioethics*, 2001; 1(2):40-44.

Grady C, Ramjee G, Pape J, Hofman K, Speers M. Ethical and legal issues in infectious disease research and control. *Emerging Infectious Diseases*. 2001; 7(3 Suppl):534.

Emanuel E, Wendler D, Grady C. What makes clinical research ethical? *Journal of the American Medical Association*, 2000; 283(20):2701-11

Dickert N and Grady C. What's the price of a research subject? Approaches to payment for research participation. *New England Journal of Medicine*, 1999; 341(3):198-203

Grady C. Grappling with global concerns in the search for an HIV vaccine. *Journal of the Association of Nurses in AIDS Care* 1999; 10(1):25-28.

Grady C. Ethics and Genetic Testing. *Advances in Internal Medicine*, 1999; 44: 389-411.

- Grady C. A World of Research subjects: Science in the Service of Healing. *Hastings Center Report*, 1998; 28 (6):34-38.
- Danis M & Grady C. Institutional Review Board review and consent for research: What's behind the statistics? *Critical Care Medicine* 1998; 26(9):1488-1489.
- Grady C., Anderson R., and Chase G. Fatigue in HIV-infected men receiving IL-2 therapy. *Nursing Research*, 1998; 47(4):227-234.
- Orsi A, Grady C, Tax A, and McCorckle R. Nutritional adaptation of women living with HIV: a pilot study. *Holistic Nursing Practice*, 1997; 12(1):71-79.
- Grady C, Ropka M, Anderson R, and Lane H. Body composition in clinically stable HIV-infected men. *Journal of the Association of Nurses in AIDS Care*, 1996; 7(6):29-38.
- Grady C. and Kelly G. State of the Science: HIV Vaccine Development. *Nursing Clinics of North America*, 1996; 31(1):25-39.
- Grady C. and Bechtel-Boenning C. Guest Editors, HIV Infection, *Nursing Clinics of North America* 1996; 31(1).
- Hench K., Anderson R., Grady C., and Ropka M. Investigating Chronic Symptoms in HIV: An Opportunity for Collaborative Nursing Research. *Journal of the Association of Nurses in AIDS Care* 1995; 6(3):13-19.
- Biesecker LG, Collins FS, DeRenzo EG, Grady C, MacKay CR. Request for genetic testing that is still in the lab. Introducing Genethics. *Cambridge Quarterly of Healthcare Ethics* 1995; 4(3):395-397.
- AIDS Action Foundation Working Group Social and Ethical Considerations in Domestic (U.S.) HIV Vaccine Efficacy Trials. 1995 monograph.
- Grady C. HIV Preventive Vaccine Research: Selected Ethical Issues. *Journal of Medicine and Philosophy* 1994; 19:595-612.
- Anderson R; Grady C; and Ropka M. A Comparison of Calculated Energy Requirements to Measured Resting Energy Expenditure in HIV Infected Subjects. *Journal of the Association of Nurses in AIDS Care* 1994; 5(6): 30-34.
- Cupler E, Hench K, Jay C, Grady C, Danon M, Ropka M, and Dalakos M. The Natural History of Zidovudine (AZT)-Induced Mitochondrial Myopathy (ZIMM). *Neurology* 1994; 44(4 suppl 2):A132.
- Grady C. and Vogel S. Laboratory Methods for Diagnosing and Monitoring HIV Infection, *Journal of the Association of Nurses in AIDS Care* 1993; 4(2):11-22
- Grady C. Ethical Issues in Clinical Trials. *Seminars in Oncology Nursing* 1991; 7(4):288-296.
- Grady C, Jacob J, Romano C. Confidentiality: A survey in a research hospital. *The Journal of Clinical Ethics* 1991; 2(1):p.24-29.
- Jacob J., Oschtega Y, Grady C, Galloway L, and Kish J. Self-assessed learning needs of oncology nurses caring for individuals with HIV-related disorders. *Cancer Nursing* 1990; 13(4):246-255.
- Jacob J., Grady C., Schema Y., Galloway L., and Kish J. Assessment tool for nurses' learning needs and priorities relative to caring for patients with AIDS and Kaposi's sarcoma. *Seminars in Oncology Nursing*. 5(4):308-312.

Grady C. Ethical Issues in Providing Nursing Care to HIV Infected Populations, *Nursing Clinics of North America* 1989; 24(2):523-534.

Grady C. The Impact of HIV Infection on Professional Nursing Practice, *Cancer Nursing* 1989; 12(1):1-9.

Grady C. HIV Infection: Epidemiology, Immunopathogenesis and Clinical Consequences, *Nursing Clinics of North America* 1988; 23(4):683-696.

Grady C. Guest Editor, AIDS Symposium, *Nursing Clinics of North America* 1988; 23(4).

Grady C. Host Defense Mechanisms: An Overview, *Seminars in Oncology Nursing* 1988; 4(2):86-94.

Grady C. In defense of the integrated curriculum. *Journal of Nursing Education* 1984; 23(7): 322.

Grady C. Women against Violence against Women. PeaceWorks. American Friends Service Committee. 1978

OTHER PUBLICATIONS

Wallen G, Ulrich C, Grady C. Learning about a "Good Death": Ethical issues in palliative care nursing research. *Delaware Nurses Association Newsletter*. 2005

Ulrich C, Wallen G, Grady C. Nurse-staffing levels and Quality of Care in Hospitals. Letter to the Editor. *New England Journal of Medicine* 2005, 347(14): 1118-1119.

Grady, C., Payment of research subjects. *SOCRA Source*, 2001: p. 36-37.

Grady, C., Recruitment of research subjects. *SOCRA Source*, 2001: p. 33-35.

PUBLISHED ABSTRACTS

E. Horstmann, C. Grady, M. McCabe, E. J. Emanuel; **Phase I participants as a vulnerable population**; *Journal of Clinical Oncology*, 2004 ASCO Annual Meeting Proceedings (Post-Meeting Edition). Vol 22, No 14S (July 15 Supplement), 2004: 6059

Anderson, R., and Grady, C. (1996). Reported symptoms of a cohort of HIV-infected men before, during, and after continuous infusion of interleukin-2" Third National Chronic Conditions Conference, National Institutes of Health.

Grady, C., Anderson, R., Ropka, M., and Chase, G. (1996). Fatigue in HIV-infected men receiving Interleukin-2 therapy. Ninth Annual Meeting of the Association of Nurses in AIDS Care.

Grady, C., Anderson, R., Ropka, M., and Chase, G. (1996). Fatigue in HIV-infected men receiving Interleukin-2 therapy. NIH Research Festival.

Grady, C., Ropka, M. and Anderson, R. (1995). Body composition of clinically stable men with HIV infection. Eighth Annual Meeting of the Association of Nurses in AIDS Care.

Anderson, R., Grady, C. (1994). Symptoms reported by "asymptomatic" HIV-infected subjects. Seventh Annual Meeting of the Association of Nurses in AIDS Care.

Anderson, R., Sebring, N., Hench, K., Grady, C., Ropka, M. (1993). A nursing investigation comparing reported protein-calorie intake to estimated energy expenditure in HIV infected patients. 28th Annual Meeting of the US Public Health Service Professional Association.

Ropka, M., Vogel, S. and Grady, C. (1993). Factors associated with investigational medication compliance in clinically stable HIV-infected participants of an AZT and Interferon-alpha randomized clinical trial. American Nurses Association Council of Nurse Researchers 1993 Scientific Session.

Vogel, S., Grady, C., Ropka, M. (1993). Compliance with investigational medication in healthy HIV-infected subjects. Second annual US Public Health Service Nursing Research Conference.

Vogel, S., Grady, C., and Ropka, M. (1993). Factors affecting investigational medication compliance in healthy HIV-infected participants of a randomized controlled trial comparing AZT and Interferon-alpha. IXth International Conference on AIDS.

Ropka, M., Grady, C., Anderson, R., Poli, G., and Weissman, D. (1993). Non-detectable Tumor Necrosis Factor-Alpha (TNF- α) in plasma during HIV treatment. IXth International Conference on AIDS.

Hench, K., Jay, C., Grady, C., and Ropka, M. (1992). Prospective study of myopathy during prolonged antiretroviral therapy: a clinical nursing investigation. 27th Annual Meeting of the US Public Health Service Professional Association.

Jay, C., Ropka, M., Hench, K., Grady, C., and Dalakas, M. (1992). Prospective study of Myopathy during Prolonged Low Dose AZT: Clinical Correlates of AZT Mitochondrial Myopathy and HIV Associated Inflammatory Myopathy. *Neurology*, 42 (supp 3): 145.

Anderson, R., Sebring, N., Grady, C., Hench, K., and Ropka, M. (1992). Current nursing research in HIV infection: A cross-sectional study to evaluate nutritional changes occurring during treatment. 27th Annual Meeting of the US Public Health Service Professional Association.

Jay, C., Ropka, M., Hench, K., Grady, C., and Dalakas, M. (1991). Clinical Correlates of AZT mitochondrial myopathy (AZT-MM) and HIV-associated inflammatory myopathy (HIV-IM). *Neurology*, 42 (Suppl 3), 145.

Anderson, R., Grady, C., and Ropka, M. (1991). A multidisciplinary approach to conducting nursing research in HIV infection. 26th Annual Meeting of the US Public Health Service Professional Association

Ropka M., Grady C., Anderson R., Barrick, B., and Lane, H. (1991). The evolution of a collaborative research program combining medical and nursing HIV infection interests in a biomedical research setting. VIIth International Conference on AIDS. Abstract # 282, Vol. 2.

Barrick, B., Grady, C., Govoni, L., Davey, V., and Hanna, N. (1991). Development of a resource-efficient model for conducting clinical research. VIIth International Conference on AIDS. W.B. 2407.

Barrick, B., Berkebile, C., Cuda, S., Govoni, L., Grady, C., Hahn, B., Hibbard, V., Rosenthal, Y., Sears, N., Megill, M. (1988). Identifying and categorizing the expressed motivations of subjects volunteering for a Phase I trial of a recombinant anti-HIV vaccine. 4th International Conference on AIDS. Abstract # 6575

Grady, C., Jacob, J., Baird, B., Spross, J., Oschtega, Y. (1987). Identifying major concerns of patients with AIDS. 3rd International Conference on AIDS. Abstract #THP.219.