

BIOGRAPHICAL SKETCH

NAME GORDON, NAHIDA H.		POSITION TITLE Professor	
EDUCATION (<i>Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.</i>)			
INSTITUTION AND LOCATION	DEGREE	YEAR CONFERRED	FIELD OF STUDY
University of Cincinnati, Cincinnati, OH	BS	1961	Mathematics
University of Wisconsin, Madison, WI	MS	1962	Mathematics
Case Western Reserve Univ., Cleveland, OH	Ph.D.	1980	Probability & Statistics

PROFESSIONAL EXPERIENCE

1980-82 Assistant Professor, Department of Mathematics and Statistics, CWRU
 1987-91 Assistant Professor of Statistics, Department of Surgery, School of Medicine, CWRU
 1987-98 Director, Biostatistics/Clinical Trials Core Facility, CWRU
 1987-91 Assistant Professor, Department of Epidemiology and Biostatistics, School of Medicine, CWRU
 1994-98 Director, Biostatistics Graduate Studies, Dept of Epidemiology and Biostatistics, School of Medicine, CWRU
 1991-01 Associate Professor, Department of Epidemiology and Biostatistics, School of Medicine, CWRU
 1991- Associate Professor of Statistics, Department of Surgery, School of Medicine, CWRU
 1991-01 Associate Professor of Oncology, Cancer Research Center, CWRU
 2001- Professor of Oncology, Cancer Research Center, CWRU
 2001 Professor, Department of Bioethics, School of Medicine, CWRU

HONORS: Fulbright Senior Scholar, Phi Beta Kappa, MS with honors, BS with honors, Alpha Lambda Delta.

COMMUNITY ADVISORY COMMITTEES: Human Health Technical Advisory Committee, Regional Environmental Priorities Project, Ohio Breast Cancer Coalition, Board of Directors, NE Ohio Task Force on Breast and Prostate Cancer

PROFESSIONAL SERVICE: NIH Cancer Center Review Panel, Ad hoc, 1995; AIBS Gulf War Syndrome Epidemiology Review Panel, 1995; NIH Cancer Prevention and Control Research Small Grant Program, 1995; NIH Program Project Review Panel in Breast Cancer, 1996; NIH Epidemiology Section 2, special requested review of breast cancer proposal, 1996; NIH Program Project Review Panel in Breast Cancer, 1997; NIH/DRG Epidemiology and Disease Control EDC-2 Study Section, March, 1997 -20001, Council for International Exchange of Scholars Review Board for the Fulbright, 1998-2000.

SELECTED PUBLICATIONS:

Gordon NH. Maximum likelihood estimation for mixtures of two Gompertz distributions when censoring occurs. *Communications in Statistics - Simula* 19:733-747, 1990.

Gordon, NH. Application of the theory of finite mixtures for the estimation of 'cure' rates of treated cancer patients. *Statistics in Medicine*, 9:397-407, 1990.

Morris JB, Stellato TA, Guy BS, Gordon NH, Berger NA. A clinical analysis of the largest reported mass fecal occult blood screening program in the United States. *The American Journal of Surgery* 161:101-106, 1991.

Crowe JP, Gordon NH, Hubay CA, Shenk RR, Zollinger RM, Brumberg DJ, McGuire WL, Shuck MH. Estrogen receptor determination and long term survival of patients with carcinoma of the breast. *Surgery* 173:273-278, 1991.

Gordon NH, Willson JKV. Utilization of all toxicity grades in the design and analysis of cancer phase I clinical trials. *Stat Med* 11:2063-2075, 1992.

Gordon NH, Crowe JP, Brumberg DJ, Berger NA. Socio-economic factors and race in breast cancer recurrence and survival. *Am J Epidemiol* 135:609-618, 1992.

Gordon NH. Factores socioeconomicos y raciales en la recurrencia y supervivencia del cancer de mama (socio-economic factors in breast cancer recurrence and survival). *Breast Cancer Digest* 1:14-16, 1993.

Gerson SL, Zborowska E, Norton K, Gordon NH, Willson JKV. Synergistic efficacy of O⁶Benzylguanine and 1,3 BIS(2-chloroethyl)-1-nitrosourea (BCNU) in a human colon cancer xenograft completely resistant to BCNU alone. *Biochem Pharmacol* 45:483-491, 1993.

Crowe JP, Gordon NH, Shenk RR, Zollinger R, Brumberg DJ, Shuck JM. Age does not predict breast cancer out-come. *Arch Surg* 129:483-488, 1994.

Markowitz S, Lutterbaugh J, Myeroff L, MacKay W, Gordon NH, Kleinerman J, Luna E, and Hines J. Mutant K-ras oncogenes in colon cancers do not predict patient's chemotherapy response or survival. *Clinical Cancer Research*, 1, 441-445, 1995.

Gordon NH. The association of education and income with estrogen receptor status in primary breast cancer. *American Journal of Epidemiology*. 142:796-803, 1995.

Willson JKV, Haaga JR, Trey JE, Stellato TA, Gordon NH, Gerson SL. Modulation of O⁶-Alkylguanine alkyltransferase directed DNA repair of metastatic colon cancer. *Journal of Clinical Oncology*, 13:2301-2308, 1995.

- Gordon NH. Cure mixture models in breast cancer survival studies. *Lifetime Data: Models in Reliability and Survival Analysis*. N.P. Jewell et al, (eds), e107-112, 1995.
- Gordon NH, Collaborator. Early Breast Cancer Trialists' Collaborative Group. Local Treatment of early breast cancer by radiotherapy and by surgery: 58 randomized trials involving 12,000 deaths among 28,000 women. *New Eng J Med*. 333:144-155, 1995.
- Gelber DR, Cole BF, Goldhirsh A, Bengtsson NO, Boccardo F, Fisher B, Gordon NH, Gray R, Mouridsen HT, Osborne CK and Sevela P. Adjuvant Chemotherapy Plus Tamoxifen Compared with Tamoxifen Alone for Postmenopausal Breast Cancer: a Meta-Analysis Using Quality Adjusted Survival. *The Lancet*, 347: 1066-1071, 1996.
- Huang J, Gordon NH. Comparison of 'cure' rate estimation methods for treated cancer patients. *Proceedings of the Biometrics Section, American Statistical Association*, 339-342, 1995.
- NH Gordon, Collaborator. Early Breast Cancer Trialists' Collaborative Group. Ovarian ablation in early breast cancer: An overview of the randomized *The Lancet*, 348 (9036), 1189-1196, 1996.
- Whitacre CM, Zborowska E, Gordon NH, Mackay W and Berger NA. Topotecan increases Topoisomerase II levels and sensitivity with Etoposide in schedule dependent process. *Cancer Research, Advances in Brief*, 57:1425-1428, 1997.
- Phillips WP Jr. Willson JK. Markowitz SD. Zborowska E. Zaidi NH. Liu L. Gordon NH. Gerson SL. O6-methylguanine-DNA methyltransferase (MGMT) transfectants of a 1,3-bis(2-chloroethyl)-1-nitrosourea (BCNU)-sensitive colon cancer cell line selectively repopulate heterogenous MGMT+/MGMT- xenografts after BCNU and O6-benzylguanine plus BCNU. *Cancer Research*. 57(21): 4817-23, 1997 Nov 1.
- Gordon NH, Collaborator. Tamoxifen for early breast cancer: an overview of the randomised trials. Early Breast Cancer Trialists' Collaborative Group. *Lancet*. 351(9114), 1451-1467, 1998.
- Gordon NH, Collaborator. Polychemotherapy for early breast: an overview of the randomised trials. Early Breast Cancer Trialists' Collaborative Group. *Lancet*. 351(9114), 1451-1467, 1998.
- Rose PG, Gordon NH, Fusco N, Fluellen L, Rodriguez M, Ingalls ST, Hoppel CL. A phase II and pharmacokinetic study of weekly 72-h topotecan infusion in patients with platinum-resistant and paclitaxel-resistant ovarian carcinoma. *Gynecologic Oncology*, 78(2):228-34, August, 2000.
- Gordon NH, Collaborator. Favourable and unfavourable effects on long-term survival of radiotherapy for early breast cancer: an overview of the randomised trials. Early Breast Cancer Trialists' Collaborative Group. *Lancet* May, 2000.
- Cebul RD, Solti I, Gordon NH, Singer ME, Payne SMC and Gharity KA. Managed care for the Medicaid disabled: Effect on utilization and costs. *Journal of Urban Health*, 77(4), 2000.
- Abdul-Rahim HF, Husseini A, Bjertness E, Giacaman R, Gordon NH, Jervel Jak. The Metabolic Syndrome in the West Bank Population: an Urban-Rural Comparison. *Diabetes Care*, 24(2), 275-279, 2001.
- Okelo S, Taylor AL, Wright JT, Gordon NH, Mohan G, and Lesnefsky E, M.D. Race and the Decision to Refer for Coronary Revascularization: Effect of Physician Awareness of Patient Ethnicity. *Journal of the American College of Cardiology*. 38 No. 3: 698-704, 2001.
- Siminoff LA, Gordon NH, Hewlett J, Arnold RM. Factors influencing families' consent for donation of solid organs for transplantation. *JAMA*. 2001;286:71-77.
- Whitacre CM, Satoh TH, Xue L, Gordon NH, and Oleinick NL. Photodynamic Therapy of Human Breast Cancer Xenografts Lacking Caspase-3. *Cancer Letters*, 179, no. 1 (2002 May 8): 43-9, 2002.
- Dowlati A, Levitan N, Gordon NH, Hoppel CL, Gosky DM, Remick SC, Ingalls ST, Berger SJ, Berger NA. Phase II and pharmacokinetic/pharmacodynamic trial of sequential Topoisomerase I and II inhibition with Topotecan and Etoposide in advanced non-small cell lung cancer. In Press: *Cancer Chemotherapy and Pharmacology*. 47: 141-148, 2001.
- Baker DW, Einstadter D, Thomas C, Husak S, Gordon NH, Cebul RD. Trends in Hospital Market Share and Risk-Adjusted Mortality at High-Mortality Hospitals: Do Report Cards Make a Difference? *Medical Care*, 40(10): 879-90, 2002.
- Gordon NH. Socioeconomic Factors and Breast Cancer in Black and White Americans. *Cancer Metastasis Reviews*, 22: 55-56, 2003
- Giacaman R, Husseini A, Gordon N H, and Awartani F. Imprints on the consciousness: the Impact on Palestinian Civilians of the Israeli Army Invasion of West Bank Towns. *European Journal of Public Health*. In Press

Research Support (last three years):

ACTIVE

R01 CA78517 (Gordon NH)	09/01/00-08/31/04	30,30,30,30%
NIH/NCI	\$1,954,019	
Characteristics of Long-term Breast Cancer Survivors.		

To date, there are no estimates of the effect of adjuvant therapy on long-term survival. Given the modest benefit of adjuvant treatment, these estimates are highly relevant to treatment decision making. This research will allow patients and their physicians to balance the risks and benefits of adjuvant therapy as functions of the patient's characteristics including age, nodal status and tumor characteristics.

Fulbright (Gordon NH) Alumni Initiative Award	10/01/2001 – 9/31/03 \$20,000	0%
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The objective of this AIA grant is to provide Fulbright alumni the opportunity to develop innovative projects that will foster institutionally supported linkages and sustainable, mutually beneficial relationships between the Fulbright scholars home and host institution.

1 R01 NR04704-0131 (Moore)	1/1/00-6/30/04	4.3%
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Using a randomized clinical trial, this study will test an intervention to increase individuals' exercise maintenance.

R01-NR05207 (Daly B) NINR Disease Management of the Chronically Critically Ill	1/1/00-5/31/04 \$ 1,047,005	4.8%
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This proposal seeks to determine whether a disease management program will decrease total costs of care during the first two months after discharge.

RO 1 (Higgins P) Agency: NINR Adult Failure to Thrive in Long-term Ventilator Patients	9/1/01-8/31/05 \$1,124,028	4.5%
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To decrease the morbidity and mortality associated with adult FTT and long-term mechanical ventilation by helping nurses, patients and families prepare for post-hospital care

R01-CA-89513 (Siminoff) NIH Family Conflict and Decision Making for Advanced Cancer	2/15/01-1/31/05 \$240,630 (Year 3)	19%
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Family members often urge advanced cancer patients to accept futile care that can impair their quality of life. Disputes over treatment decisions further undermine caregivers' physical and psychosocial well being. This study will develop a new measure that can validly and reliably assess the likelihood and degree of family discordance about cancer treatment decisions.

R01-MH63016 (Loue) NIH/National Institute of Mental Health HIV Prevention, Severely Mentally Ill Latinas	8/2001-7/2006 \$1,730,804	4.9%
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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).

1 R01 HS-13152-01 (Siminoff) Understanding Consent to Tissue Donation	9/1/02-7/31/06 \$360,949 (Year 1 direct costs)	18.9%
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This project will examine the process of consent to tissue donation.

AI36219-10 (Lederman) Aids Research	4/1/02-3/31/03 \$711,395	3.2%
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