

BIOGRAPHICAL SKETCH

Give the following information for the key personnel and consultants listed on page 2. Begin with the Principal Investigator/Program Director. Photocopy this page for each person.

NAME	POSITION TITLE	BIRTHDATE (Mo., Day, Yr.)
Ralph R. Weichselbaum	Professor and Chairman	12/12/45
EDUCATION (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)		
INSTITUTION AND LOCATION	DEGREE	YEAR CONFERRED
Univ. of Wisconsin, Madison, WI	B.S.	1978
Univ. of Illinois, Chicago, IL	M.D.	1971
Alameda County Hospital, Oakland, CA		1971-1972
Harvard Medical School, JCRT, Boston, MA		1972-1975
		FIELD OF STUDY
		Liberal Arts
		Medicine
		Medicine Intern
		Resident in RT

RESEARCH AND PROFESSIONAL EXPERIENCE: Concluding with present position, list, in chronological order, previous employment, experience, and honors. Include present membership on any Federal Government public advisory committee. List, in chronological order, the titles and complete references to all publications during the past three years and to representative earlier publications pertinent to this application. DO NOT EXCEED TWO PAGES.

- 1980-1984 Associate Professor of Radiation Therapy, Harvard Medical Center, Boston, MA
 1983-1984 Associate Professor, Department of Cancer Biology, Harvard School of Public Health, Boston, MA
 1984-Present Professor and Chairman, Department of Radiation and Cellular Oncology, University of Chicago, Pritzker School of Medicine, Head, Michael Reese/University of Chicago Center for Radiation Therapy, Chicago, IL
 1990 Harold H. Hines, Jr. Professor and Chairman

Publications: (Selected out of 306 Publications)

- Weichselbaum, R.R., Patel, M. and DasGupta, T.K.: The influence of the pineal gland on wound healing. *Nature* 254:349, 1975.
 Weichselbaum, R.R., Epstein, J.A., Little, J.B. and Kornblith, P.L. *In vitro* cellular radiosensitivity of human malignant tumors. *European Journal of Cancer* 12:1027-1032, 1976.
 Weichselbaum, R.R., Nove, J. and Little, J.B. Skin fibroblasts from a D-deletion type retinoblastoma patient are abnormally x-ray sensitive. *Nature* 266:726-727, 1977.
 Weichselbaum, R.R., Nove, J. and Little, J.B. Deficient repair of potentially lethal damage in ataxia telangiectasia and xeroderma pigmentosum. *Nature* 271:261-262, 1978.
 Weichselbaum, R.R., Nove, J. and Little, J.B. X-ray sensitivity of diploid fibroblasts from patients with hereditary and sporadic retinoblastoma. *Proc. Natl. Acad. Sci. USA* 75:3962-3964, 1978.
 Weichselbaum, R.R., Hellman, S., Piro, A.J., Nove, J.J. and Little, J.B. Proliferation kinetics of a human breast cancer *in vitro* following treatment with 17 Beta-estradiol and 1-Beta-D-Arabinofuransylcytosine. *Cancer Res.* 38:2139-2342, 1978.
 Weichselbaum, R.R., Nove, J. and Little, J.B. X-ray sensitivity of fifty-three human diploid fibroblast cell strains from patients with characterized genetic disorders. *Cancer Res.* 40:920-925, 1980.
 Weichselbaum, R.R., Little, J.B., Nove, J. and Hellman, S. Lack of selective killing by steroids in normal and malignant cells. *J. Cell. Physiol.* 102:429-433, 1980.
 Weichselbaum, R.R., and Little, J.B. Familial retinoblastoma and ataxia telangiectasia: Human models for DNA repair and carcinogenesis. *Cancer* 45:775-779, 1980.
 Kennedy, A.R. and Weichselbaum, R.R. Effects of dexamethasone and cortisone with x-irradiation on transformation of C3H 10T½ cells. *Nature* 294:97-98, 1981.
 Weichselbaum, R.R., and Little, J.B. The differential response of human tumors to fractionated radiation may be due to a post-irradiation repair process. *Brit. J. Cancer* 46:532-537, 1982.
 Weichselbaum, R.R., Schmit, A., and Little, J.B.: Cellular factors influencing radiocurability of human malignant tumors. *Brit. J. Cancer* 45:10-16, 1982.