
BIOGRAPHICAL SKETCH

NAME Shiao Y. Woo, M.D.	POSITION TITLE Professor and Chairman		
INSTITUTION AND DEPARTMENT Department of Radiation Oncology University of Louisville School of Medicine			
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 Malaya, Kuala Lumpur, Malaysia	M.B./B.S.	4/1967-5/1972	Medicine
Ipoh General Hospital, Ipoh, Malaysia		7/1972-6/1973	Clinical Internship
Johor Baru General Hospital, Johor Baru, Malaysia		7/1973-6/1975	Residency in Internal Medicine
Southern General Hospital, Glasgow, Scotland, United Kingdom		7/1975-6/1976	Residency in Pediatrics
Georgetown University Hospital, Washington, DC		7/1976-6/1978	Residency in Pediatrics
Vincent T. Lombardi Cancer Center, Washington, DC		7/1978-6/1980	Fellowship in Pediatric & Adolescent
Stanford University Medical Center, Stanford, CA		7/1985-6/1988	Residency in Radiation Therapy

A. Positions and Honors.

Positions and Employment

Assistant Professor of Pediatrics Department of Pediatrics Georgetown University School of Medicine Washington, DC	7/1980–6/1981
Assistant Professor of Pediatrics Department of Pediatrics Tufts University School of Medicine Boston, MA	7/1981–6/1985
Assistant Professor of Radiotherapy and Pediatrics Department of Pediatrics The University of Texas M.D. Anderson Cancer Center Houston, TX	8/1988–6/1991
Assistant Professor Department of Radiology Baylor College of Medicine Houston, TX	7/1991–6/1992
Associate Professor Department of Radiology Baylor College of Medicine Houston, TX	7/1992–6/1996
Adjunct Associate Professor Department of Radiology UT Health Science Center Houston, TX	7/1994–6/2004

Professor (Tenured) Department of Radiology Baylor College of Medicine Houston, TX	7/1996–2/2004
Professor (non-tenure) Pediatrics Department of Pediatrics Patient Care Baylor College of Medicine, Houston, TX	7/2002–2/2004
Professor (Tenured) and Section Chief of CNS/Pediatrics Department of Radiation Oncology Division of Radiation Oncology The University of Texas M.D. Anderson Cancer Center Houston, TX	3/2004–2/2010
Professor (Tenured) and Chairman Department of Radiation Oncology Kosair Children's Hospital/Norton Healthcare in Pediatric Oncology University of Louisville School of Medicine Louisville, KY	3/2010-Present

Other Experience and Professional Memberships

PROFESSIONAL SOCIETIES

American College of Radiology
 American Radium Society
 American Society of Clinical Oncology
 American Society of Therapeutic Radiology and Oncology
 Gilbert H. Fletcher Society
 Greater Louisville Medical Society
 National Council Radiation Protection and Measurement
 Pediatric Radiation Oncology Society
 Society of Chairmen of Academic Radiation Oncology Programs

Honors

The Gold Apple Award for Excellence in Teaching, UT M.D. Anderson Cancer Center, 1990
 Fellow, Royal College of Physicians, 1997
 ACGME Parker J. Palmer Courage to Teach Award, 2001
 Fellow, American College of Radiology, 2001
 Teacher of the Year Award, The Association of Residents in Radiation Oncology, 2001
 2008 Patient Golden Apple Award, M.D. Anderson Cancer Center, 2008
 The Julie and Ben Rogers Award for Excellence in Patient Care: Finalist, 2009

B. Selected peer-reviewed publications (in chronological order).

Huang E, Teh BS, Strother DR, Davis QG, Chiu JK, Lu HH, Carpenter LS, Mai WY, Chintagumpala MM, South M, Grant WH, Butler EB, Woo SY. Intensity-modulated radiation therapy for pediatric medulloblastoma: early report on the reduction of ototoxicity. *Intl J Rad Oncol Biol Phys* 52(3):599-605, 3/2002.

Merchant TE, Kun LE, Krasin MJ, Jones-Wallace D, Chintagumpala MM, Woo SY, Ashley D, Sexton M, Kellie SJ, Ahern V, Gajjar A. A multi-institution prospective trial of reduced-dose craniospinal irradiation (23.4 Gy) followed by conformal posterior fossa (36 Gy) and primary site irradiation (55.8 Gy) and dose-intensive chemotherapy for average-risk medulloblastoma. *Intl J Rad Oncol Biol Phys* 57(2 Suppl):S194-5, 2003.

Lee CT, Bilton SD, Famiglietti RM, Riley BA, Mahajan A, Chang EL, Maor MH, Woo SY, Cox JD, Smith AR. Treatment planning with protons for pediatric retinoblastoma, medulloblastoma, and pelvic sarcoma: how do protons compare with other conformal techniques? *Intl J Rad Oncol Biol Phys* 63(2):362-72, 10/2005.

Pelloski CE, Lin E, Zhang L, Yung WK, Colman H, Liu JL, Woo SY, Heimberger AB, Suki D, Prados M, Chang S, Barker FG, III, Fuller GN, Aldape KD. Prognostic associations of activated mitogen-activated protein kinase and Akt pathways in glioblastoma. *Clin Cancer Res* 12:3935-41, 7/2006.

Gajjar A, Chintagumpala M, Ashley D, Kellie S, Kun LE, Merchant T, Woo S, Wheeler G, Ahern V, Krasin MJ, Fouladi M, Broniscer A, Krance R, Hale GA, Stewart CF, Sanford RA, Fuller C, Lau C, Boyett JM, Wallace D, Gilbertson RJ. Risk-adapted craniospinal radiotherapy followed by high-dose chemotherapy and stem-cell rescue in children with newly diagnosed medulloblastoma (St Jude Medulloblastoma-96): long-term results from a prospective, multicentre trial. *Lancet Oncol* 7, 10/2006.

Hermanto U, Frija EK, Lii MF, Chang EL, Mahajan A, Woo SY. Intensity modulated radiotherapy (IMRT) and conventional radiotherapy for high-grade gliomas: Does IMRT increase the integral dose to normal brain? *Intl J Rad Oncol Biol Phys* 67(4):1135-1144, 3/2007.

Yom SS, Frija EK, Mahajan A, Chang E, Klein K, Shiu A, Ohrt J, and Woo S. Field in field technique with intrafractionally modulated junction shifts for craniospinal irradiation. *Intl J Rad Oncol Biol Phys* Vol. 69:1193-1198, 6/2007.

Jani N, Krull KR, Brouwers P, Chintagumpala MM, Woo SY. Neuropsychological outcome following intensity-modulated radiation therapy for pediatric medulloblastoma. *Ped Blood Cancer*. e-Pub 4/2008.

Merchant T, Kun LE, Krasin MJ, Wallace D, Chintagumpala MM, Woo SY, Ashley D, Sexton M, Kellie SJ, Ahern V, Gajjar A. Multi-Institution prospective trial of reduced-dose craniospinal irradiation (23.4 GY) followed by conformal posterior fossa (36 GY) and primary site irradiation (55.8 GY) and dose-intensive chemotherapy for average-risk medullablastoma. *Intl J Rad Oncol Biol Phys* 70:782-787, 2008.

Newhauser WD, Fontenot JD, Mahajan A, Kornguth D, Stovall M, Zheng &, Taddei PJ, Mirkovic D, Mohan, R, Cox JD, Woo S. The risk of developing a second cancer after receiving craniospinal proton irradiation. *Phys Med Biol* 54(8):2277-91, 4/2009, e-Pub 3/2009.

Torres M, Woo SY, Lege D, Riley BA, Zhai X, Lii M, Kornguth D, Pelloski C, Mahajan A, Chang E,. Optimal treatment planning for skull base chardoma: photon, protons and a combination of both. *Int. J. Rad Oncol Biol Phys*, 7/2009. e-Pub 4/2009.

McGovern S, Aldape K, Munsell M, Mahajan A, DeMonte F, Woo SY. A comparison of WHO grades at recurrences in patients with non-skull base and skull base meningiomas. *J of Neurosurg* 112:925-933, 2010.

Taddei Pj, Mirkovic D, Giebeler A, Woo SY, Newhauser D. Second cancer incidence and mortality from secondary neutions as a function of sex for two patients who received craniospinal irradiation with proton radiotherapy. In Press.

C. Research Support

Ongoing Research Support

Completed Research Support