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## Shannon Fogh

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**Shannon E. Fogh, M.D.**

**Associate Professor**



**UCSF Bridges Curriculum Clinical Microsystem  
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### Professional Focus

Dr. Shannon Elizabeth Fogh is a radiation oncologist who specializes in the treatment of CNS and pediatric malignancies. She specializes in the use of Gamma Knife, CyberKnife, intensity-modulated radiotherapy (IMRT) and total body irradiation (TBI) to treat a variety of malignant and benign conditions. Dr. Fogh's research interests are centered on development of

emerging radiotherapeutic and biologic techniques in CNS and pediatric tumors aimed at reducing the toxicities of treatment resulting in improved quality of life and preservation of neurocognitive function for her patients. She is also interested in the development of interventions to treat side effects associated with radiation treatment and is the co-chair of a national study, RTOG 1012, examining the efficacy of Manuka honey in preventing esophagitis. She is dedicated to implementing opportunities for quality improvement and other projects aimed at delivering effective, safe and efficient patient care.

## Education

1994 - 1999	University of Washington, Seattle, WA	BA	Psychology
1999 - 2001	Boston University School of Medicine, Boston, MA	MS	Medical Science
2001 - 2005	Boston University School of Medicine, Boston, MA	MD	Medicine
2005 - 2006	Mt. Auburn Hospital; Harvard Medical School	Intern	Internal Medicine
2006 - 2010	Thomas Jefferson University Hospital	Resident	Radiation Oncology
2009 - 2010	Thomas Jefferson University Hospital	Chief Resident	Radiation Oncology

## Professional Experience

2010-2017	UCSF	Assistant Professor	Radiation Oncology
2017-Present	UCSF	Associate Professor	Radiation Oncology

## Awards & Honors

2001	Langdon Parsons Scholarship, Boston, Massachusetts
2002	Boston University School of Medicine Summer Research Scholarship, Boston, Massachusetts
2005	RSNA Trainee Research Prize, Chicago, Illinois
2007	Travel Grant and Scholarship, Breast Cancer ?Current Controversies? Boston, Massachusetts

2008	Travel Grant, 10th Annual Lynn Sage Breast Cancer Symposium, Chicago, Illinois
2009	AACR/ASCO Methods in Clinical Cancer Research Workshop, Vail, Colorado
2009	Travel Grant, ASTRO Annual Meeting, Chicago, Illinois
2009	Travel Grant, ASTRO Spring Refresher Course , San Diego, California

Recent Significant Publications :

S. Fogh, G. Kubicek, C. Champ, C. Intenzo, R. Axelrod, W. Keane, M. Machtay. **Value of FDG PET for Detecting Metastatic Lesions in Head and Neck Cancer.** American Journal of Clinical Oncology. Manuscript in press.

S. Fogh, G. Kubicek, R. Axelrod, R. Anne, A. Berger. Do Elderly. **Patients Experience Increased Perioperative Morbidity and Mortality When Given Neoadjuvant Chemoradiation (CRT) Prior to Esophagectomy?** International Journal of Radiation Oncology, Biology, Physics. Manuscript in press.

Kubicek GJ, Axelrod RS, Machtay M, Ahn PH, Anne PR, Fogh S, Cognetti D, Myers TJ, Curran WJ Jr, Dicker AP. **Phase I Trial Using the Proteasome Inhibitor Bortezomib and Concurrent Chemoradiotherapy for Head-and-Neck Malignancies.** Int J Radiat Oncol Biol Phys. 2012 Jan 13.

Ma L, Lee L, Barani I, Hwang A, Fogh S, Nakamura J, McDermott M, Sneed P, Larson DA, Sahgal A. **Shot sequencing based on biological equivalent dose considerations for multiple isocenter Gamma Knife radiosurgery.** Phys Med Biol. 2011 Nov 21;56(22):7247-56.

S. Fogh, C. Glass, D. Andrews, M. Werner-Wasik. **Multiple Courses of Stereotactic Re-Irradiation Are Tolerable: A Case Report of a Long-Term Survivor with Recurrent Oligodendroglioma.** Journal of Medical Case Reports. 2011 May 14;5:183.

S. Fogh, A. Hirsch, J. Langmead, S. Goldberg, A. Taghian, S. Powell, L. Kachnic. **Use of Tamoxifen With Post-Surgical Irradiation May Improve Survival in Estrogen and Progesterone Receptor Positive Male Breast Cancer.** Clinical Breast Cancer. 2011 Mar;11(1):39-45.

Fogh SE, Yu A, Kubicek GJ, Scott W, Mitchell E, Rosato EL, Berger AC. **Do elderly patients experience increased perioperative or postoperative morbidity or mortality when given neoadjuvant chemoradiation before esophagectomy?** Int J Radiat Oncol Biol Phys. 2011 Aug 1;80(5):1372-6.

G. Kubicek, C. Champ, S. Fogh, F. Wang, E. Reddy, C. Intenzo, R. Dusing, M. Machtay. **FDG-PET staging and importance of lymph node SUV in head and neck cancer.** Head Neck Oncol. 2010 Jul 16;2:19.

S. Fogh, C. Glass, B. Carry, D. Andrews, J. Glass, B. Downes, A. Dicker, M. Werner-Wasik. **Hypofractionated Stereotactic Radiotherapy as Salvage Therapy for Recurrent Low-Grade Glioma.** J Clin Oncol. 2010 Jun 20;28(18):3048-53.

S. Fogh, L. Doyle, A. Yu, J. Li, P. Weiner, D. Suh, E. Comber, A.P. Dicker, Y. Yu, Y. Xiao, A. Harrison. **A Comparison of Pre-Plan Trans Rectal Ultrasound to Pre-Plan CT in Assessing Volume and Number of Seeds Needed for Real-Time Ultrasound Based Intra-Operative Planning in Prostate <sup>125</sup>I Seed Implantation.** Brachytherapy. 2010 Oct-Dec;9(4):335-40.

Fogh S, Machtay M, Werner-Wasik M, Curran WJ Jr, Bonanni R, Axelrod R, Andrews D, Dicker AP. **Phase I trial using patupilone (epothilone B) and concurrent radiotherapy for central nervous system malignancies.** Int J Radiat Oncol Biol Phys. 2010 Jul 15;77(4):1009-16.

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