Mekhail Anwar

Mekhail Anwar, M.D., Ph.D.

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Professional Focus

TBD

Education

1998	University of California, Berkeley	BA	Physics

2001	University of California, Berkeley	MSc	Electrical Engineer and Computer Science
2001-2007	Massachusetts Institute of Technology, Boston, MA	PhD	Electrical Engineer and Computer Science
1998-2009	University of California, San Francisco	MD	School of Medicine
2009-2010	Scripps Mercy Hospital, San Diego, CA	Resident	Internal Medicine
2010-2014	University of California, San Francisco	Resident	Radiation Oncology
2011-2012	University of California, San Francisco	Chief Resident	Radiation Oncology

Professional Experience

2014-present	UCSF	Assistant Professor in Residence	Radiation Oncology

Awards & Honors

1994-1997	Cal Alumni Leadership Scholarship, Alumni Association University of California, Berkeley. Awarded for leadership and community service
1998	University Medal, University of California, Berkeley, ?Most distinguished graduating senior on the entire Berkeley campus.? and Valedictorian. Selected by the Committee on Prizes on the basis of GPA, community service, research activities and potential for future contribution
1998	NSF Graduate Fellowship, National Science Foundation
2000-2001	Whitaker Fellowship in Biomedical Engineering
2001-2004	National Defense Science and Engineering Fellowship
2004-2006	Whitaker Fellowship in Biomedical Engineering
2010-2014	Holman Pathway for Radiation Oncology, American Board of Radiology. Awarded to Radiation Oncology and Radiology Residents to pursue a dedicated research project to form the foundation for their academic career
2011, 2013	ASTRO Advocacy Day Resident Travel Grant
2012	UCSF Resident Research Travel Grant
2013	UCSF Co-PI UCSF T1 Catalyst Grant

2013	Roentgen Resident Research Award
2014	ASCO Young Investigator Award

Recent Significant Publications :

S. Fogh, M. Wahl, M. Anwar, D. Haas-Kogan, J. Clarke, P. Sneed. **Standardization and Quality Assurance of Radiation Therapy Volumes for Adults with High-grade Gliomas**. Seminars in Radiation Oncology 2014 (In press).

M. Anwar, V. Wienberg, A. Chang, IJ. Hsu, M. Roach, AR Gottschalk. **Comparison of PSA Slope and Nadir Between Hypofractionated SBRT and Conventionally Fractionated EBRT**. Radiation Oncology. 9:42. 2014

M. Anwar, A. Westphalen, A. Jung, S. Noworolski, P. Carroll, F. Coakley. **Role of endorectal MRI and MRSI in defining the dominant intraprostatic lesion in prostate cancer: Quantitative analysis of imaging contour compared to whole-mount histopathology.** Radiotherapy and Oncology. 216. 2014

M. Anwar and I. Barani. **Fracture Risk in Spinal Radiosurgery: Identifying and Treating the At-Risk Patient**. CNS Oncology 2(5) 2013.

M. Anwar, P. Gupta, R. Palanaiapan, P. Matsudaira. **Protein Microarray Patterning by Diffuse Gel Stamping**. PLoS ONE 7(10) 2012.

F. Coakley, M. Anwar, L. Poder, Z. Wang, B. Yeh, B. Joe. **Magnetic Resonance Imaging of Massive Ovarian Edema in Pregnancy**. J Comput Assist Tomogr 34. 2010.

M. Anwar, T. Aytur, P. Matsudaira. **A Wireless-Compatible CMOS-Based Optics-Free Microarray Imager**. Appl. Phys. Lett 94. 2009

T. Aytur, J. Foley, M. Anwar, B. Boser, and P.R. Beatty. **A novel magnetic bead bioassay platform using a microchip-based sensor for infectious disease diagnosis**. Journal of Immunological Methods v.314. 2006

M. Anwar and I. Rousso, **?Microsecond Time Resolved AFM?**. Appl. Phys. Lett 86. 2004

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UCSF Main Site

Links
[1] https://radonc.ucsf.edu/make-gift