

## Chris Chapman, MD



### **Educational Background**

Radiation Oncology Residency, University of California San Francisco (2015-2019)

Preliminary Medicine Internship, St-Joseph Mercy Hospital, Ann Arbor MI (2014-2015)

M.D., with Distinction in Research, University of Michigan (2014)

M.S., Clinical Research, University of Michigan (2013)

B.A., Human Biology, Stanford University (2009)

### **Awards & Honors**

American Society of Radiation Oncology (ASTRO) Annual Meeting: Scientific Abstract Award

(2013)

International Society for Magnetic Resonance Imaging in Medicine (ISMRM): Merit Award, Magna Cum Laude (2013))

Michigan Institute for Clinical and Health Research Scholarship (2012)

Helping Hand in Education Award, University of Michigan Medical School (2012)

Summer Biomedical Research Program Grant, University of Michigan Medical School (2011)

James O. Wooliscroft Dean's Merit Scholarship, University of Michigan Medical School (2009)

### **Selected Publications and Abstracts**

Lao CD, Friedman J, Tsien CI, Normolle DP, Chapman CH, Cao Y, Lee OE, Schipper MJ, Van Posnak C, Hamstra D, Lawrence TS, Hayman J, Redman BG. **Concurrent whole brain radiotherapy and bortezomib for brain metastasis.** Radiation Oncology. 2013 Aug;8(1):204. PMID: 23965287.

Nazem-Zadeh M, Chapman CH, Lawrence TS, Tsien CI, Cao Y. **Uncertainty in assessment of radiation-induced diffusion index changes in individual patients.** Phys Med Biol. 2013 Jun;58(12):4277-96. PMID: 23732399.

Chapman CH, Nazem-Zadeh M, Lee OE, Schipper MJ, Tsien CI, Lawrence TS, Cao Y. **Regional variation in brain white matter diffusion index changes following chemoradiotherapy: A prospective study using tract-based spatial statistics.** PLoS ONE. 2013 Mar;8(3):e57768. PMID: 23469234.

Trakul N, Chang C, Harris J, Chapman CH, Rao AK, Shen J, Quinlan-Davidson S, Filion EJ, Wakelee HA, Colevas AD, Whyte RI, Dieterich S, Maxim PG, Hristov D, Tran P, Le Q-T, Loo BW, Diehn M. **Tumor volume-adapted dosing in stereotactic ablative radiotherapy of lung tumors.** Int J Radiat Oncol Biol Phys. 2012 Sep;84(1):231-7. PMID: 22381907.

Nazem-Zadeh M, Chapman CH, Lawrence TS, Tsien CI, Cao Y. **Radiation therapy effects on white matter fiber tracts of the limbic circuit.** Med Phys. 2012 Aug;39(9):5603-13. PMID: 22957626.

Wiegner EA, Daly ME, Murphy JD, Abelson J, Chapman CH, Chung M, Yu Y, Colevas AC, Kaplan MJ, Fischbein N, Le QT, Chang DT. **Intensity-Modulated Radiotherapy for Tumors of the Nasal Cavity and Paranasal Sinuses: Clinical Outcomes and Patterns of Failure.** Int J Radiat Oncol Biol Phys. 2012 May;83(1):243-51. PMID: 22019239.

Chapman CH, Nagesh V, Sundgren PC, Buchtel H, Chenevert TL, Junck L, Lawrence TS, Tsien CI, Cao Y. **Diffusion tensor imaging of normal appearing white matter as a biomarker for radiation-induced late delayed cognitive decline.** Int J Radiat Oncol Biol Phys. 2012 Apr;82(5):2033-40. PMID: 21570218.

Chang DT, Chapman CH, Norton JA, Visser B, Fisher GA, Kunz P, Ford JM, Koong AC, Pai RK. **Expression of p16(INK4A) but not hypoxia markers or PARP is associated with improved survival in patients with pancreatic adenocarcinoma.** Cancer. 2010 Nov;116(22):5179-87. PMID: 20665497.

Chang DT, Chapman CH, Shen J, Su Z, Koong AC. **Treatment of esophageal cancer based on histology: a surveillance epidemiology and end results analysis.** Am J Clin Oncol. 2009 Aug;32(4):405-10. PMID: 19415029.

Presentations and Posters Chapman CH, Popovtzer A, Feng FY, Eisbruch A, Cao Y. **Dose-effect relationship of MRI perfusion changes in the pharyngeal constrictors after head and neck radiation therapy.** ASTRO 55th Annual Meeting, September 22-24 2013, Atlanta

GA. Chapman CH, Nazem-Zadeh M, Lee OE, Schipper MJ, Tsien CI, Lawrence TS, Cao Y. **Regional variation in brain white matter diffusion index changes following chemoradiotherapy: A prospective study using tract-based spatial statistics.** ISMRM 21st Annual Meeting, April 20-26 2013, Salt Lake City UT.

Chapman CH, Nazem-Zadeh MR, Lawrence TS, Tsien CI, Cao Y. **Regional Variation of White Matter Radiation Sensitivity: A Tract Based Spatial Statistics (TBSS) Study.** ASTRO 53rd Annual Meeting, October 2-6 2011, Miami FL.

Chapman CH, Sundgren PC, Tsien CI, Elias A, Junck L, Gomez Hassan DM, Chenevert TL, Lawrence TS, Cao Y. **18-Month Follow-up of Radiation-Induced Metabolic Alterations in Normal Brain: an MR Spectroscopy Study.** ASNR 48th Annual Meeting, May 17-20 2010, Boston MA.

Chapman CH, Nagesh V, Tsien CI, Sundgren PC, Buchtel H, Chenevert TL, Junck L, Lawrence TS, Cao Y. **Effect of radiation on hippocampal white matter: a prospective DTI study.** ITART 1st Biennial Meeting. June 20-21 2010, National Harbor MD.

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