

CURRICULUM VITAE**Name:** Soonmee Cha, MD

Position: Professor
 Radiology and Neurological Surgery
 Program Director, Diagnostic Radiology Residency
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EDUCATION

1983 - 1987	Georgetown University, Washington, DC	B.S.	Chemistry
1987 - 1991	Georgetown University, Washington, DC	M.D.	Medicine
1991 - 1992	Georgetown University Hospital, Washington, DC	Internship	Transitional Internship
1992 - 1996	North Shore University Hospital, Manhasset, NY	Residency	Diagnostic Radiology
1996 - 1998	New York University Medical Center, New York, NY	Fellowship	Neuroradiology

PRINCIPAL POSITIONS HELD

1997 - 1998	New York University Medical Center, New York, NY	Clinical Instructor of Neuroradiology	Department of Radiology
1998 - 1999	New York University School of Medicine, New York, NY	Assistant Professor of Clinical Radiology	Department of Radiology
1999 - 2001	New York University School of Medicine, New York, NY	Assistant Professor of Radiology	Department of Radiology
2001 - 2005	University of California San Francisco	Assistant Professor in Residence	Department of Radiology
2005 - 2011	University of California San Francisco	Associate Professor in Residence	Department of Radiology
2011 - present	University of California San Francisco	Professor in Residence	Department of Radiology

OTHER POSITIONS HELD CONCURRENTLY

2001 - 2005	University of California San Francisco	Assistant Professor in Residence, WOS	Department of Neurological Surgery
2005 - present	University of California San Francisco	Associate Professor in Residence, WOS	Department of Neurological Surgery
2012 - present	University of California San Francisco	Diagnostic Radiology Residency Program Director	Department of Radiology & Biomedical Imaging

2016 - present University of California San Francisco

Vice Chair of Education Department of
Radiology &
Biomedical Imaging**PEER-REVIEWED PUBLICATION** (Total of 200, below are from 2017-2019)

1. Kline CN, Joseph NM, Grenert JP, van Ziffle J, Talevich E, Onodera C, Aboian M, **Cha S**, Raleigh DR, Braunstein S, Torkildson J, Samuel D, Bloomer M, Campomanes AGA, Banerjee A, Butowski N, Raffel C, Tihan T, Bollen AW, Phillips JJ, Korn WM, Yeh I, Bastian BC, Gupta N, Mueller S, Perry A, Nicolaidis T, Solomon DA. Targeted next-generation sequencing of pediatric neuro-oncology patients improves diagnosis, identifies pathogenic germline mutations, and directs targeted therapy. *Neuro Oncol*. 2017 May 01; 19(5):699-709. PMID: 28453743. PMCID: PMC5464451
2. Starr CJ, **Cha S**. Meningioma mimics: five key imaging features to differentiate them from meningiomas. *Clinical Radiol* 2017; 72:722-728
3. Li Y, Ali S, Clarke J, **Cha S**. Bevacizumab in recurrent glioma: Patterns of treatment failure and implications. *Brain Tumor Res Treat* 2017; 5:1-9
4. Villanueva-Meyer JE, Wood MD, Choi BS, Mabray MC, Butowski NA, Tihan T, **Cha S**. MRI Features and IDH Mutational Status of Grade II Diffuse Gliomas: Impact on Diagnosis and Prognosis. *AJR Am J Roentgenol*. 2017 Dec 20:1-8. doi: 10.2214/AJR.17.18457. [Epub ahead of print] PubMed PMID: 29261348
5. Tremblay MA, Villanueva-Meyer JE, **Cha S**, Tihan T, Gelfand JM. Clinical and imaging correlation in patients with pathologically confirmed tumefactive demyelinating lesions. *J Neurol Sci*. 2017 Oct 15;381:83-87. doi: 10.1016/j.jns.2017.08.015. Epub 2017 Aug 10. PubMed PMID: 28991721
6. Autry A, Phillips JJ, Maleschlijski S, Roy R, Molinaro AM, Chang SM, **Cha S**, Lupo JM, Nelson SJ. Characterization of Metabolic, Diffusion, and Perfusion Properties in GBM: Contrast-Enhancing versus Non-Enhancing Tumor. *Transl Oncol*. 2017 Dec;10(6):895-903. doi: 10.1016/j.tranon.2017.08.009. Epub 2017 Sep 22. PubMed PMID: 28942218
7. Villanueva-Meyer JE, Han SJ, **Cha S**, Butowski NA. Early tumor growth between initial resection and radiotherapy of glioblastoma: incidence and impact on clinical outcomes. *J Neurooncol*. 2017 Aug;134(1):213-219. doi: 10.1007/s11060-017-2511-z. Epub 2017 May 31. PubMed PMID: 28567589
8. Merritt BA, Henry TS, **Cha S**, Ordovas KG, Kallianos KG, Elicker BM, Hope MD, Naeger DM. Tailoring Radiology Resident Education Using Aggregated Missed-Cases Data. *J Am Coll Radiol*. 2018 May 11. PMID: 29759529
9. Payabvash S, Tihan T, **Cha S**. Differentiation of Cerebellar Hemisphere Tumors: Combining Apparent Diffusion Coefficient Histogram Analysis and Structural MRI Features. *J Neuroimaging*. 2018 Aug 1. doi: 10.1111/jon.12550. [Epub ahead of print] PubMed PMID: 30066449.
10. Payabvash S, Tihan T, **Cha S**. Volumetric voxelwise apparent diffusion coefficient histogram analysis for differentiation of the fourth ventricular tumors. *Neuroradiol J*. 2018 Dec;31(6):554-564.
11. Panditharatna E, Kilburn LB, Aboian MS, Kambhampati M, Gordish-Dressman H, Magge SN, Gupta N, Myseros JS, Hwang EI, Kline C, Crawford JR, Warren KE, **Cha S**, Liang WS, Berens ME, Packer RJ, Resnick AC, Prados M, Mueller S, Nazarian J. Clinically Relevant and Minimally Invasive Tumor Surveillance of Pediatric Diffuse Midline Gliomas Using Patient-Derived Liquid Biopsy. *Clin Cancer Res*. 2018 Dec 1;24(23):5850-5859
12. Behr SC, Villanueva-Meyer JE, Li Y, Wang YH, Wei J, Moroz A, Lee JK, Hsiao JC, Gao KT, Ma W, **Cha S**, Wilson DM, Seo Y, Nelson SJ, Chang SM, Evans MJ. Targeting iron metabolism in high-grade glioma with 68Ga-citrate PET/MR. *JCI Insight*. 2018 Nov 2;3(21).
13. Aboian MS, Kline CN, Li Y, Solomon DA, Felton E, Banerjee A, Braunstein SE, Mueller S, Dillon WP, **Cha S**. Early detection of recurrent medulloblastoma: the critical role of diffusion-weighted imaging. *Neurooncol Pract*. 2018 Nov;5(4):234-240
14. Ferris SP, Velazquez Vega J, Aboian M, Lee JC, Van Ziffle J, Onodera C, Grenert JP, Saunders T, Chen YY, Banerjee A, Kline CN, Gupta N, Raffel C, Samuel D, Ruiz-Diaz I, Magaki S, Wilson D, Neltner J, Al-Hajri Z, Phillips JJ, Pekmezci M, Bollen AW, Tihan T, Schniederjan M, **Cha S**, Perry A, Solomon DA. High-grade neuroepithelial tumor with BCOR exon 15 internal tandem duplication-a comprehensive clinical, radiographic, pathologic, and genomic analysis. *Brain Pathol*. 2019 May 18. doi: 10.1111/bpa.12747. [Epub ahead of print]
15. Fangusaro J, Onar-Thomas A, Young Poussaint T, Wu S, Ligon AH, Lindeman N, Banerjee A, Packer RJ, Kilburn LB, Goldman S, Pollack IF, Qaddoumi I, Jakacki RI, Fisher PG, Dhall G, Baxter P, Kreissman SG, Stewart CF, Jones DTW, Pfister SM, Vezina G, Stern JS, Panigrahy A, Patay Z, Tamrazi B, Jones JY, Haque SS, Enterline DS, **Cha S**, Fisher MJ, Doyle LA, Smith M, Dunkel IJ, Fouladi M. Selumetinib in paediatric patients with BRAF-aberrant or neurofibromatosis type 1-associated recurrent, refractory, or progressive low-grade glioma: a multicentre, phase 2 trial. *Lancet Oncol*. 2019 Jul;20(7):1011-1022. doi: 10.1016/S1470-2045(19)30277-3. Epub 2019 May 28.

16. Sloan EA, Cooney T, Oberheim Bush NA, Buerki R, Taylor J, Clarke JL, Torkildson J, Kline C, Reddy A, Mueller S, Banerjee A, Butowski N, Chang S, Mummaneni PV, Chou D, Tan L, Theodosopoulos P, McDermott M, Berger M, Raffel C, Gupta N, Sun PP, Li Y, Shah V, **Cha S**, Braunstein S, Raleigh DR, Samuel D, Scharnhorst D, Fata C, Guo H, Moes G, Kim JYH, Koschmann C, Van Ziffle J, Onodera C, Devine P, Grenert JP, Lee JC, Pekmezci M, Phillips JJ, Tihan T, Bollen AW, Perry A, Solomon DA. Recurrent non-canonical histone H3 mutations in spinal cord diffuse gliomas. *Acta Neuropathol.* 2019 Sep 12. doi: 10.1007/s00401-019-02072-2. [Epub ahead of print]