



## DANIEL T. NAGASAWA, M.D.

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### EDUCATION

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#### **University of California, Los Angeles**

Residency training in Neurological Surgery- Chief rotations completed 6/2018

#### **Kaiser Permanente- Los Angeles Medical Center**

Enfolded Complex Spine Fellowship (Dr. Brara and Dr. Rahman) 8/2018-6/2019

Graduation date: June 2019

#### Educational Experiences and Honors:

- UC Irvine Grand Rounds: “Quality Improvements in Neurosurgery” - November 2018
- Featured article in AANS Neurosurgeon (Volume 26, Number 4, 2017)
- Council of State Neurosurgical Societies: Socioeconomic Resident Fellow Southwest Quadrant (2017-2018)
  - Neurotrauma and Emergency Neurosurgery Committee
  - Isolated Transverse Process Fracture Guideline Initiative
- Excellence in Teaching with Humanism: Residents and Fellows Award (2014)
- Resident Quality Award (2016)- Transverse Process Fracture Management Service Agreement
- Longmire Surgical Society Scientific Day Award and Presenter (2013, 2017, 2018)
- Membership in the Congress of Neurological Surgeons [CNS] (2011-Present), American Association of Neurological Surgery [AANS] (2011-Present), North American Spine Society [NASS] (2014- Present), California Association of Neurological Surgeons [CANS] (2012-Present)
- Neurosurgery Researcher (UCLA, 2010-Present)
  - Presentations at CNS (2011), SNO (2011), WSMRF (2012), NASBS (2012), AANS (2012, 2014)
  - American Brain Tumor Association Medical Student Summer Fellowship (2011)
- Chicago Board Review Course (2016, 2017)
- Dr. Kenneth M. Earle Memorial Neuropathology and Washington Neuroradiology Review Courses (2017)
- Completed 10-week graduate course in Ethics related to Human Research
- Assistance with live demonstration in Microsoft’s Virtual Reality event co-hosted by Fox, in collaboration with Surgical Theater (2015)
- Assistance with Brain Tumor Awareness video for: “The Doctors” (2013)
- Fluoroscopy Supervisor and Operator Permit (2016-Present)
- BLS and ACLS Certified

Deven Khosla, MD, FAANS, Board Certified | Daniel T. Nagasawa, MD, Board Eligible

Phone: 310 710 1919 • Fax: 424 238 8362 • [achievebrainandspine.com](http://achievebrainandspine.com)  
2811 Wilshire Boulevard, Suite 930, Santa Monica, CA 90403

## Teaching, Mentorship, and Volunteer Work

- Guest Speaker at West Coast Medical Student Neurosurgery Camp; University of Southern California (2019)
- AANS- UCLA Medical Student Chapter Co-Founder and Chapter Advisor (2017)
- UCLA MS IV Neurosurgical Anatomy and Procedures Cadaver Lab (2014/2015/2018)
- Featured in *Prospective Doctor*; a premier website to provide access to accurate healthcare information (2014)
- AMSA-Mentor for undergraduate and medical students (2010- Present)
  - Suturing workshop (2013/2015)
- Resident panel for 1<sup>st</sup>/2<sup>nd</sup> year medical students during their Neurology/ Neurosurgery block (2014, 2015, 2016)
- Lead MSII PBL Sessions (2015)
- Three Pillars, One University [Cerebral Palsy, Autism, and Downs Syndrome with Student Athletes] (2013)
- Founder and active member of UC Irvine Neurosurgery Interest Group (2011-Present)

## Quality Improvement Initiatives

- Outcome Prediction Model for Risk Stratification of Spine Procedures using Kaiser Spine Registry (Non-union rates, PEEK rod efficacy)
- Predictive Model for Risk Stratification of patients presenting with a Potential Spinal Epidural Abscess
- Service Agreement: Management Guidelines for Isolated Transverse Process Fractures
  - (UCLA Ronald Reagan Hospital, Kaiser LAMC, Harbor UCLA Medical Center)
- Liposomal Marcaine for improved postoperative pain, reduced LOS, and decreased opiate requirements
- Fluoroscopy Examination Preparation Guide
- Residency curriculum design
- Patient discharge efficiency and effectiveness initiatives
- Patient discharge prescriptions initiatives
- Sodium Check Frequency for Elective Cranial Tumor Patients on Hypertonic Saline
- Standardized Order Set Protocol
- Development of Standardized Quick Orders
- Management Protocol for Liver Failure Patients with Intracranial Hemorrhage
- R2 Survival Guide
- Department technological upgrades
- Resident Work Environment Optimization Initiative
- Multidisciplinary Communication Optimization Initiative
- NPO  $\geq$  2h for liquids at VA

## **University of California, Irvine School of Medicine**

Doctor of Medicine, June 2012

## Educational Experiences and Honors:

- Graduation with Distinction in Research (2012)
- Graduation with Distinction in Arts and Humanities (2012)
- Neuroanatomy lectures to medical students (UCLA, 2011)
- Volunteer at Neurosurgical Clinic and Gamma Knife center (Hoag Hospital, 2007-2010)
- Neurological Surgery Sub-Internships at UC Irvine (2010), UC San Francisco (2010), UC Los Angeles (2011) and University of Southern California (2011)
- Honors in Neuroscience (2008)
- Miles for Hope brain tumor fundraiser (2011)
- Heroes of Hope Race for Brain Tumor Research fundraiser (2011)
- Emergency Medicine Interest Group; Officer of Finance (2007-2010)
- Assistance with development of Emergency Medicine online teaching module
- Featured in a PhD Candidate's Dissertation (2009)
- Plexus Magazine and Gala Auction (2007-2012)
- Native American Health Fair (2008)
- Founder of Medical Athletes (2007)

## University of California, Berkeley

Bachelor of Arts, Psychology, May 2005

GPA: 3.7

Honors: Department Honors; Lifetime Membership in the Psi Chi National Honor Society

Honors Thesis: "Attachment and Exploration"

Activities:

- Division I Football Player for the California Golden Bears (Wide Receiver)
- Research Assistant in Cognitive-Behavioral Psychology with fMRI lab emphasis
- Research Assistant in Personality Psychology
- Mental Health Group Therapy Co-Leader at a Dual-Diagnostic Clinic
- Kappa Sigma Fraternity

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## RESEARCH

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### Publications (Peer Reviewed)

1. Phillips HW, Chen JS, Wilson B, Udawatta M, Prashant G, **Nagasawa D**, Yang I. [Social Media Use for Professional Purposes in the Neurosurgical Community: A Multi-Institutional Study](#). **World Neurosurg**. 2019 May 24. pii: S1878-8750(19)31431-7. doi: 10.1016/j.wneu.2019.05.154. [Epub ahead of print] PMID: 31132504
2. Udawatta M, Ng E, Westley Phillips H, Chen JS, Wilson B, Prashant GN, **Nagasawa DT**, Yang I. [Age-related differences in social media use in the neurosurgical community: A multi-institutional study](#). **Clin Neurol Neurosurg**. 2019 May;180:97-100. doi: 10.1016/j.clineuro.2019.03.027. Epub 2019 Apr 1. PMID: 30953974
3. Hu TY, Peeters SM, **Nagasawa DT**, Kamdar NV, Brook RP, Sun J, Park S, Moreland NC, Cruz D, Macyszyn L, Press MC. [Cangrelor Bridging Within 6 Months of a Drug-Eluting Stent in a Patient for Emergency Cervical Spine Surgery: A Case Report](#). **AA Pract**. 2019 Mar 6. doi: 10.1213/XAA.0000000000000994. [Epub ahead of print] PMID:30864953
4. Attiah M, Tucker AM, Niu T, **Nagasawa DT**, Kodrat E, Martin NA, Nelson S. [Epithelioid Osteoblastoma of the Temporal Bone: A Case Report](#). **World Neurosurg**. 2018 Dec 3. pii: S1878-8750(18)32768-2. doi: 10.1016/j.wneu.2018.11.209. [Epub ahead of print] No abstract available. PMID: 30521959
5. Lagman C, Sheppard JP, Beckett JS, Tucker AM, **Nagasawa DT**, Prashant GN, Ziman A, Yang I. [Red Blood Cell Transfusions Following Resection of Skull Base Meningiomas: Risk Factors and Clinical Outcomes](#). **J Neurol Surg B Skull Base**. 2018 Dec;79(6):599-605. doi: 10.1055/s-0038-1651502. Epub 2018 May 14. PMID: 30456031
6. Chung LK, Lagman C, Duong C, **Nagasawa DT**, Tucker AM, Yong WH, Yang I. [Dermoid Cyst of the Prepontine Cistern and Meckel's Cave: Illustrative Case and Systematic Review](#). **J Neurol Surg B Skull Base**. 2018 Apr; 79(2):139-150. doi: 10.1055/s-0037-1604332. Epub 2017 Aug 11. PMID: 29868318
7. Lagman C, **Nagasawa DT**, Azzam D, Sheppard JP, Chen CHJ, Ong V, Nguyen T, Prashant GN, Niu T, Tucker AM, Kim W, Kaldas FM, Pouratian N, Busuttill RW, Yang I. [Survival Outcomes After Intracranial Hemorrhage in Liver Disease](#). **Oper Neurosurg** (Hagerstown). 2018 May 15. doi: 10.1093/ons/opy096. [Epub ahead of print] PMID: 29767779
8. Lagman C, Sheppard JP, Romiyo P, Nguyen T, Prashant GN, **Nagasawa DT**, Liau LM, Yang I. [Risk factors for platelet transfusion in glioblastoma surgery](#). **J Clin Neurosci**. 2018 Feb 13. pii: S0967-5868(17)31831-3. doi: 10.1016/j.jocn.2018.01.072. [Epub ahead of print]. PMID: 29452964
9. Lagman C, **Nagasawa DT**, Sheppard JP, Jacky Chen CH, Nguyen T, Prashant GN, Niu T, Tucker AM, Kim W, Pouratian N, Kaldas FM, Busuttill RW, Yang I. [End-Stage Liver Disease in Patients with Intracranial Hemorrhage is associated with Increased Mortality: A Cohort Study](#). **World Neurosurg**. 2018 Feb 13. pii: S1878-8750(18)30295-X. doi: 10.1016/j.wneu.2018.02.025. [Epub ahead of print]. PMID: 29452322
10. Lagman C, **Nagasawa DT**, Mukherjee D, Patil CG, Duong DH, McBride DQ, Yang I. [Hispanic and African American adult brain tumor patients treated at Harbor-UCLA Medical Center compared to Los Angeles County and Torrance, California](#). **J Clin Neurosci**. 2017 Dec 19. pii: S0967-5868(17)30652-5. doi: 10.1016/j.jocn.2017.09.009. PMID:29273423

11. Niu T, Tucker AM, **Nagasawa DT**, Bergsneider M. *Solitary Aggregatibacter aphrophilus tectal abscess in an immunocompetent patient*. **Surg Neurol Int**. 2017 Oct 24;8:257. doi: 10.4103/sni.sni\_211\_17. eCollection 2017. PMID: 29184708
12. Duong C, Nguyen T, Sheppard JP, Ong V, Chung LK, **Nagasawa DT**, Yang I. *Genomic and Molecular Characterization of Brain Tumors in Asian and Non-Asian Patients of Los Angeles: A Single Institution Analysis*. **Brain Tumor Res Treat**. 2017 Oct;5(2):64-69. doi: 10.14791/btrt.2017.5.2.64. Epub 2017 Oct 31. PMID: 29188206
13. Lagman C, Rai K, Chung LK, **Nagasawa DT**, Beckett JS, Tucker AM, Yang I. *Fatal Colloid Cysts: A Systematic Review*. **World Neurosurg**. 2017 Aug 8. pii: S1878-8750(17)31284-6. doi: 10.1016/j.wneu.2017.07.183. [Epub ahead of print] Review. PMID: 28801184
14. Chung LK, Beckett JS, Ong V, Lagman C, **Nagasawa DT**, Yang I, Kim W. *Predictors of outcomes in fourth ventricular epidermoid cysts: A case report and a review of literature*. **World Neurosurg**. 2017 Jun 12. pii: S1878-8750(17)30929-4. doi: 10.1016/j.wneu.2017.06.037. [Epub ahead of print] Review. PMID: 28619489
15. Chung LK, Lagman C, **Nagasawa DT**, Gopen Q, Yang I. *Superior Semicircular Canal Dehiscence in a Patient with Ehlers-Danlos Syndrome: A Case Report*. **Cureus**. 2017 Apr 6;9(4):e1141. doi: 10.7759/cureus.1141. PMID: 28484680
16. Bui TT, **Nagasawa DT**, Lagman C, Jacky Chen CH, Chung LK, Voth BL, Beckett JS, Tucker AM, Niu T, Gaonkar B, Yang I, Macyszyn L. *Isolated Transverse Process Fractures and Markers of Associated Injuries: The UCLA Experience*. **World Neurosurg**. 2017 Apr 28. pii: S1878-8750(17)30645-9. doi: 10.1016/j.wneu.2017.04.137. [Epub ahead of print] PMID: 28461275
17. Tucker AM, Lee SJ, Chung LK, Barnette NE, Voth BL, Lagman C, **Nagasawa DT**, Yang I. *Analyzing the efficacy of frequent sodium checks during hypertonic saline infusion after elective brain tumor surgery*. **Clin Neurol Neurosurg**. 2017 May;156:24-28. doi: 10.1016/j.clineuro.2017.02.011. Epub 2017 Feb 22. PMID: 28288395
18. **Nagasawa DT**, Lagman C, Sun M, Yew A, Chung LK, Lee SJ, Bui TT, Ooi YC, Robison RA, Zada G, Yang I. *Pineal germ cell tumors: Two cases with review of histopathologies and biomarkers*. **J Clin Neurosci**. 2017 Apr; 38:23-31. doi: 10.1016/j.jocn.2016.12.024. Review. PMID: 28189312
19. Yang I, Jian Y, Garcia H, Choy W, **Nagasawa DT**, Spasic M, Trang A, Soto H, Ericsson K, Lisiero D, Hickey M, Kruse C, Prins RM, Rome L, Liao LM. *Antigen Vault Nanoparticle Vaccine Can Effectively Stimulate Dendritic Cells and Activate a Specific T cell Immune Response*. **Neurosurgery**. 2012 Aug 1;71(2):E576-E577; PMID: 28175807
20. Pelargos PE, **Nagasawa DT**, Lagman C, Tenn S, Demos JV, Lee SJ, Bui TT, Barnette NE, Bhatt NS, Ung N, Bari A, Martin NA, Yang I. *Utilizing virtual and augmented reality for educational and clinical enhancements in neurosurgery*. **J Clin Neurosci**. 2017 Jan;35:1-4. doi: 10.1016/j.jocn.2016.09.002. Review. PMID: 28137372
21. **Nagasawa DT**, Bui TT, Lagman C, Lee SJ, Chung LK, Niu T, Tucker A, Gaonkar B, Yang I, Macyszyn L. *Isolated Transverse Process Fractures: A Systematic Analysis*. **World Neurosurg**. 2017 Jan 17. [Epub ahead of print] Review. PMID: 28108423
22. Lagman C, Bui TT, Voth BL, Chung LK, Seo DJ, Duong C, Libowitz MR, Walker NE, **Nagasawa DT**, Yang I. *Teratomas of the cranial vault: a systematic analysis of clinical outcomes stratified by histopathological subtypes*. **Acta Neurochir (Wien)**. 2017 Jan 14. [Epub ahead of print] PMID: 28091817
23. **Nagasawa DT**, Beckett JS, Schmidt B, Safaee M, Lagman C, Chung L, Lee SJ, Voth B, Bergsneider M, Martin N, Gaonkar B, Macyszyn L, Yang I. *United States Medical Licensing Exam Step 1 scores directly correlate with American Board of Neurological Surgery scores: a single-institution experience*. **World Neurosurg**. 2016 Nov 24. PMID: 27890766
24. Tucker AM, Niu T, **Nagasawa DT**, Everson R, Sedighim S, Buitrago Blanco MM. *CT-negative, MRI GRE-positive primary motor cortex contusion causing isolated foot drop*. **Surg Neurol Int**. 2016 Nov 9;7(Suppl 28):S756-S758. PMID: 27904756
25. Chung L, Ung N, **Nagasawa D**, Pelargos P, Thill K, Gopen Q, Yang I. *Clinical Outcomes of Middle Fossa Craniotomy for Superior Semicircular Canal Dehiscence Repair*, **J Neurol Surg B**, 2015; 76 - A162, DOI: 10.1055/s-0035-1546626
26. Fong C, **Nagasawa DT**, Chung LK, Voth B, Cremer N, Thill K, Ung N, Gopen Q, Yang I. *Systematic Analysis of Outcomes for Surgical Resection and Radiotherapy in Patients with Papillary Meningioma*. **J Neurol Surg B Skull Base**. 2015 Aug;76(4):252-6. doi: 10.1055/s-0035-1548742. Epub 2015 Mar 12. PMID: 26225311
27. Hoffman H, Lee SI, Garst JH, Lu DS, Li CH, **Nagasawa DT**, Ghalehsari N, Jahanforouz N, Razaghy M, Espinal M, Ghavamrezaei A, Paak BH, Wu I, Sarrafzadeh M, Lu DC. *Use of multivariate linear regression and support vector regression to predict functional outcome after surgery for cervical spondylotic myelopathy*. **J Clin Neurosci**. 2015 Sep;22(9):1444-9. doi: 10.1016/j.jocn.2015.04.002. Epub 2015 Jun 23.
28. Voth B, **Nagasawa DT**, Pelargos PE, Chung LK, Ung N, Gopen Q, Tenn S, Kamei DT, Yang I.
29. *Transferrin receptors and glioblastoma multiforme: Current findings and potential for treatment*. **J Clin Neurosci**. 2015 Jul;22(7):1071-6. doi: 10.1016/j.jocn.2015.02.002. Epub 2015 Apr 16. Review. PMID: 25891893

30. Yang I, Ung N, **Nagasawa DT**, Pelargos P, Choy W, Chung LK, Thill K, Martin NA, Afsar-Manesh N, Voth B. *Recent Advances in the Patient Safety and Quality Initiatives Movement: Implications for Neurosurgery*. **Neurosurg Clin N Am**. 2015 Apr;26(2):301-315. doi: 10.1016/j.nec.2014.11.017. Epub 2015 Jan 31. Review. PMID: 25771286
31. Pelargos PE, **Nagasawa DT**, Ung N, Chung LK, Thill K, Tenn S, Gopen Q, Yang I. *Clinical characteristics and diagnostic imaging of cranial osteoblastoma*. **J Clin Neurosci**. 2015 Mar;22(3):445-449. doi: 10.1016/j.jocn.2014.10.002. Epub 2015 Jan 13. Review. PMID:25595957
32. Yang I, Ung N, Chung LK, **Nagasawa DT**, Thill K, Park J, Tenn S. *Clinical Manifestations of Central Neurocytoma*. **Neurosurg Clin N Am**. 2015 Jan;26(1):5-10. doi: 10.1016/j.nec.2014.09.011. PMID:25432178
33. Ooi Y, Tran P, Ung N, Thrill K, Trang A, Fong B, **Nagasawa DT**, Lim M, Yang I. *The Role of Regulatory T-cells in Glioma Immunology*. **Clinical Neurology and Neurosurgery** 2014 Apr;119C:125-132. doi: 10.1016/j.clineuro.2013.12.004. Epub 2014 Jan 3. Review. PMID: 24582432
34. Choy W, Spasic M, Pezeshkian P, Fong BM, **Nagasawa DT**, Trang A, Mathur I, De Salles A, Gorgulho A, Selch M, Gopen QS, Yang I. *Outcomes of stereotactic radiosurgery and stereotactic radiotherapy for the treatment of vestibular schwannoma*. **Neurosurgery**. 2013 Aug;60 Suppl 1:120-5. doi: 10.1227/01.neu.0000430307.78949.4e. PMID: 23839363
35. **Nagasawa DT**, Spasic M, Choy W, Yew A, Trang A, Garcia H, Yang I. *Genetic expression profiles of adult and pediatric ependymomas: molecular pathways, prognostic indicators and therapeutic targets*. **Clinical Neurology and Neurosurgery** 2013 Apr;115(4):388-99. doi: 10.1016/j.clineuro.2012.12.006. Epub 2013 Jan 29. Review. PMID: 23374238
36. **Nagasawa DT**, Choy W, Spasic M, Yew A, Trang A, Garcia HM, Yang I. *An analysis of intracranial epidermoid tumors with malignant transformation: treatment and outcomes*. **Clin Neurol Neurosurg**. 2013 Jul;115(7):1071-8. doi: 10.1016/j.clineuro.2012.10.026. Epub 2012 Dec 6. Review. PMID: 23219403
37. Lawton C, **Nagasawa DT**, Yang I, Fessler RG, Smith ZA. *Leptomeningeal spinal metastases from glioblastoma multiforme: Treatment and management of an uncommon manifestation of disease*. **JNS: Spine** 2012 Sep 7. [Epub ahead of print]. PMID: 22958073
38. Oh T, **Nagasawa DT**, Fong B, Trang A, Gopen Q, Parsa AT, Yang I. *Intraoperative Neuromonitoring Techniques in the Surgical Management of Acoustic Neuromas*. **JNS: Neurosurgical Focus** 2012 Sep;33(3):E6. PMID: 22937857
39. **Nagasawa DT**, Fong C, Yang I. *Passive immunotherapeutic strategies for the treatment of glioblastoma multiforme*. **Neurosurgery Clinics of North America**. 2012 Jul;23(3):481-95. doi:10.1016/j.nec.2012.04.008. Review. PMID: 22748660
40. Yang J, **Nagasawa DT**, Spasic M, Amolis M, Choy W, Prins R, Liao L, Yang I. *Endogenous Vaults and Bioengineered Vault Nanoparticles in Glioblastomas: Implications for future targeted therapies* **Neurosurgery Clinics of North America** 2012 Jul;23(3):451-8. doi: 10.1016/j.nec.2012.04.012. Epub 2012 May 31. Review. PMID: 22748657
41. Spasic M, Chow F, Tu C, **Nagasawa D**, Yang I. *Molecular Characteristics and Pathways of Avastin for the Treatment of Glioblastoma Multiforme*. **Neurosurgery Clinics of North America**. 2012 Jul;23(3):417-27. doi: 10.1016/j.nec.2012.05.002. Review. PMID: 22748654
42. Choy W, **Nagasawa DT**, Trang A, Thill K, Spasic M, Yang I. *CD133 as a marker for regulation and potential for targeted therapies in glioblastoma multiforme*. **Neurosurgery Clinics of North America**. 2012 Jul;23(3):391-405. doi: 10.1016/j.nec.2012.04.011. Epub 2012 Jun 5. Review. PMID: 22748652
43. Yew A, Trang A, **Nagasawa DT**, Spasic M, Choy W, Garcia HM, Yang I. *Chromosomal alterations, prognostic factors, and targeted molecular therapies for malignant meningiomas*. **J Clin Neurosci**. 2013 Jan;20(1):17-22. doi: 10.1016/j.jocn.2012.02.007. Epub 2012 Jun 27. Review. PMID: 22743042
44. Fong B, Pezeshkian P, **Nagasawa DT**, De Salles A, Gopen Q, Yang I. *Hearing preservation after LINAC radiosurgery and LINAC radiotherapy for vestibular schwannomas*. **J Clin Neurosci**. 2012 Aug;19(8):1065-70. doi: 10.1016/j.jocn.2012.01.015. Epub 2012 Jun 15. Review. PMID:22705142
45. Yang I, **Nagasawa DT**, Kim W, Spasic M, Trang A, Lu DC, Martin NA. *Chromosomal anomalies and prognostic markers for intracranial and spinal ependymomas*. **J ClinNeurosci**. 2012 Jun;19(6):779-85. Epub 2012 Apr 18. PMID: 22516549
46. **Nagasawa DT**, Chow F, Yew A, Kim W, Spasic M, Yang I. *Temozolomide for the treatment of glioblastoma multiforme*. **Neurosurg Clin N Am**. 2012 Apr;23(2):307-22. PMID: 22440874
47. **Nagasawa D**, Yew A, Spasic M, Choy W, Gopen Q, Yang I. *Survival outcomes for radiotherapy treatment of epidermoid tumors with malignant transformation*. **J ClinNeurosci**. 2012 Jan;19(1):21-6. Epub 2011 Oct 22. PMID: 22024232
48. **Nagasawa DT**, Smith Z, Cremer N, Fong C, Lu D, Yang I. *Complications associated with the treatment for spinal ependymomas*. **Neurosurgical Focus**. 2011 Oct;31(4):E13. PMID: 21961857
49. **Nagasawa D**, Yew A, Safaee M, Fong B, Gopen Q, Parsa AT, Yang I. *Clinical characteristics and diagnostic imaging of epidermoid tumors*. **J ClinNeurosci**. 2011 Sep;18(9):1158-62. Epub 2011 Jul 13. PMID: 21742503

50. Kim W, Choy W, Dye J, **Nagasawa D**, Safaee M, Fong B, Yang I. *The tumor biology and molecular characteristics of medulloblastoma identifying prognostic factors associated with survival outcomes and prognosis.* **J Clin Neurosci.** 2011 Jul;18(7):886-90. PMID: 21640908
51. Kim W, Stramotas S, Choy W, Dye J, **Nagasawa D**, Yang I. *Prognostic factors for post operative seizure outcomes for cavernous malformation treatment.* **J Clin Neurosci.** 2011 Jul;18(7):877-80. Epub 2011 May 10. PMID: 21561775
52. Choy W, Kim W, **Nagasawa D**, Stramotas S, Yew A, Gopen Q, Parsa AT, Yang I. *The molecular genetics and tumor pathogenesis of meningiomas and the future directions of meningioma treatments.* **Neurosurg Focus,** 2011 May; 30 (5): p. E6. PMID: 21529177

## Book Chapters

1. Dye JA, **Nagasawa DT**, Dusick JR, Choy W, Yang I, Vespa P, Martin N. Critical Care of the Stroke Patient. Image-guided endoscopic evacuation of spontaneous intracerebral hemorrhage. Cambridge University Press. June 30, 2014
2. Tucker A, Niu T, **Nagasawa DT**, Holly LT. *Chapter 12: Degenerative Cervical Myelopathy and Radiculopathy,* Edited by Michael Kaiser, Chris Shaffrey, Michael Fehlings, and Reg Haid

## Books

1. Rosenstein M, Voth B, Thill K, **Nagasawa D**, Yang I, Yao J, Hamilton K, Fong C, Agarwal A, Choy W, Spasic M, Thang C, Moradzadeh A. The Service Minded Physician (Color). CreateSpace Independent Publishing Platform; 2 edition (April 1, 2014)
2. Rosenstein M, Yao J, Choy W, Thang C, Moradzadeh A, **Nagasawa D**, Ruiz T, Yang I. The Service Minded Physician. CreateSpace Independent Publishing Platform (February 10, 2013)

## Abstracts (Accepted)

1. Nagasawa, DT. *Enhancing nanoparticle immunotherapeutic treatments for glioblastoma utilizing histotripsy ultrasound radiotherapy*
    - **American Association of Neurological Surgeons (Oral Presentation 2014)**
  2. Nagasawa, DT. *Systematic analysis of diagnostic molecular markers for intracranial germ cell tumors*
    - **North American Skull Base Society (Oral Presentation 2013)**
  3. Nagasawa, DT. *Glioblastoma multiforme vaccine: A Novel Immunotherapeutic Approach Using Vault Nanoparticles*
    - **Longmire Surgical Society Scientific Day Award and Presenter (Oral Presentation 2013)**
  4. Nagasawa DT, Yew A, Choy W, Spasic M, Gopen Q, Yang I. *Systematic analysis of treatment strategies and outcomes for malignant epidermoid tumors.*
    - **Western Student Medical Research Forum (Oral Presentation 2012)**
  5. Spasic M, Pezeshkian P, Fong B, Choy W, Soleymani T, Nagasawa DT, Barkhoudarian G, Gorgulho A, De Salles A, Yang I. *Stereotactic Radiation for the Treatment of Vestibular Schwannoma: Tumor Control and Hearing Preservation.*
    - **Western Student Medical Research Forum (Oral Presentation 2012)**
  6. Yang I, Jian Y, Garcia H, Choy W, Nagasawa DT, Spasic M, Trang A, Soto H, Ericsson K, Lisiero D, Hickey M, Kruse C, Prins RM, Rome L, Liau LM. *198An Antigen Vault Nanoparticle Vaccine Can Effectively Stimulate Dendritic Cells and Activate a Specific T cell Immune Response.* **Neurosurgery.** 2012 Aug;71(2):E576-7.
    - **Congress of Neurological Surgeons (Oral Presentation 2012)**
  7. Spasic M, Pezeshkian P, Fong B, Choy W, Soleymani T, Nagasawa DT, Barkhoudarian G, Gorgulho A, De Salles A, Yang I. *Outcomes of Stereotactic Radiosurgery and Stereotactic Radiotherapy for the Treatment of Vestibular Schwannoma.*
    - **North American Skull Base Society (Oral Presentation 2012)**
  8. Nagasawa D, Spasic M, Yew A, Choy W, Gopen Q, Yang I. *Survival outcomes for intracranial epidermoid tumors with malignant transformation*
    - **Congress of Neurological Surgeons**
  9. Nagasawa D, Bergsneider M, Kelly D, Shafa B, Duong D, Ausman J, Liau L, McBride D, Yang I. *Ethnic disparities in the accessibility of neurosurgical services at a county academic hospital*
    - **Society for Neuro-Oncology**
  10. Nagasawa DT, Spasic M, Choy W, Garcia H, Trang A, Shafa B, Duong D, Ausman J, Bergsneider M, Liau L, McBride D, Yang I. *Analysis of 223 Brain Tumor Patients Treated at a Level 1 Trauma County Medical Center.*
    - **North American Skull Base Society**
  11. Fong B, Pezeshkian P, Nagasawa D, De Salles A, Gopen Q, Yang I. *A systematic review of LINAC radiosurgery for vestibular schwannoma and hearing preservation*
    - **Congress of Neurological Surgeons**
  12. Choy W, Yew A, Spasic M, Nagasawa D, Kim W, Yang I. *Analysis of long term outcomes of gross total resection versus subtotal resection followed by radiotherapy in primary spinal ependymomas*
    - **Society for Neuro-Oncology**
  13. Spasic M, Choy W, Nagasawa D, Yang I. *Systematic analysis of the outcomes of stereotactic radiosurgery for central neurocytoma*
    - **Society for Neuro-Oncology**
  14. Choy W, Kim W, Nagasawa D, Spasic M, De Salles A, Yang I. *The role of adjuvant radiotherapy dose in the long term management of primary spinal cord ependymomas*
    - **Congress of Neurological Surgeons**
  15. Yang J, Nagasawa D, Garcia H, Spasic M, Trang A, Voth B, Choy W, Soto H, Ericsson K, Lisiero D, Hickey M, Kruse C, Prins R, Rome L, Liau L, Yang I. *Glioma Vault Nanoparticles induce Dendritic Cell stimulation and maturation: A Novel Nanoparticle based Immunotherapeutic Approach for the Treatment of Glioblastoma Multiforme.*
    - **American Association of Neurological Surgeons**
  16. Yang I, Yong W, Spasic M, Chow F, Nagasawa D, Choy W, Vinters H, Khanlou N, Ellingson B, Prins R, Nghiemphu L, Cloughesy T, Liau L, Lai A. *Bevacizumab Treatment in Glioblastoma Patients is Associated with an Increased Development of Secondary Gliosarcoma.*
    - **American Association of Neurological Surgeons**
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## SCHOLARSHIPS AND FELLOWSHIPS

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- Council of State Neurological Societies: Socioeconomic Fellow (2017-2018)
- Excellence in Teaching with Humanism: Residents and Fellows Award (2014)
- Longmire Surgical Society Scientific Day Award and Presentation (2013, 2017, 2018)
- Seven Stars Scholarship from the American Indian College Fund (2012)
- American Indian Graduate Fellowship (2007-2012); Featured article in the *American Indian Graduate* annual magazine (2010)
- American Brain Tumor Association Medical Student Summer Fellowship (2011)
- American Indian Science and Engineering Society: Memorial Scholarship (2007-2011)
- National Medical Fellowship (2010)
- MacKenzie Foundation Scholarship (2010)
- Japanese American Alumni Association Scholarship (2009)
- International Order of the Kings Sons and Daughters Scholarship (2008)
- Mensa Member (2016-Present)

## EMPLOYMENT EXPERIENCE

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- Legacy Private Academy** Valencia, CA  
*Science Teacher, Grades 1-3* August 2006 –June 2007
- Curriculum development for 200 students, Family Science Night, Science Fair Director, Basic & AP tutoring
- Drake Institute** Northridge, CA  
*Neuro-Physiological Therapist* March 2006 –August 2006
- Utilized biofeedback and theories of operant conditioning to help individuals with ADD/ ADHD, Autism, Asperger's and Anxiety Disorders increase their overall level of functioning
- Tutor Center** Berkeley, CA  
*Private Tutor* September 2004 –May 2005
- Private tutoring: Elementary school level to SAT preparation, From special needs to highly gifted students
- Sunland Water Gardens** Sunland, CA  
*Assistant Manager* May 1997 –August 2003
- Oversaw the daily functioning of the facilities and employees, Plant propagation/ delivery, Aquatic animal maintenance, Water purity control, Inter-company communications, Sales, and Customer relations

## VOLUNTEER EXPERIENCE

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- **Surgical Mission: Philippines (2015)**- Assisted 55 volunteer surgeons, anesthesiologists, and nurses to provide surgical interventions and medical care for a rural community with advanced diseases
- **Local Medical Clinic: Honduras (2005)**- Established a temporary clinic for the impoverished community where I took Histories and Physicals, Diagnosed patients, and Prescribed medications
- **Local Medical Clinic and Clean Water Project: Guatemala (2005)**- Assisted in clinics for various impoverished communities and worked with Engineers without Borders to bring potable water to a remote rural village
- **Red Cross: Belize (2005)**- National HIV/ AIDS Workshops/ Lectures, Teen-Pregnancy Radio Talk-Show, High School and College HIV/ AIDS Peer-Education Program, Mural and Bookmark Programs
- **Hurricane Katrina Relief: Houston, TX (2005)**- Assisted in triage and medical care of dislocated individuals, as well as navigation of the various services available

## PERSONAL INTERESTS

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Professional Magician for the Magic Castle, Scuba Diving, Photography, Football, Basketball, Snowboarding, Fishing, Traveling, Cooking, Camping, Foreign Languages, Piano, Guitar