Stanford

Abhi Jain

Clinical Assistant Professor, Radiology

CLINICAL OFFICE (PRIMARY)

- **Department of Radiology**

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ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

  Christina Zamora - Administrative Associate

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Bio

BIO

Dr. Jain is a neuroradiologist and a Certified Imaging Informatics Professional (CIIP) whose academic work bridges day-to-day neuroradiology practice with imaging informatics and clinically grounded artificial intelligence (AI).

His clinical research interests include quantitative imaging and radiomics in cerebrovascular disease, with particular emphasis on intracerebral hemorrhage (ICH), and imaging biomarkers in the aging brain and neurodegeneration, including limbic-predominant age-related TDP-43 encephalopathy (LATE).

His AI/informatics and quality-improvement interests include large language models (LLMs) for radiology reporting support and clinical decision support, with an emphasis on real-world evaluation and workflow integration.

His education interests focus on modern, technology-enabled neuroradiology teaching, including tailored language models and extended reality (XR; augmented/virtual/mixed reality) approaches to strengthen trainee learning.

CLINICAL FOCUS

- Diagnostic Neuroimaging

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Radiology
- Member, Wu Tsai Neurosciences Institute

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Editorial Board Member, Clinical Neuroimaging (Wiley / American Society of Neuroimaging) (2026 - present)

PROFESSIONAL EDUCATION

- Board Certification: Diagnostic Radiology, American Board of Radiology (2025)
- Fellowship: USC Neuroradiology Fellowship (2025) CA
- Fellowship, University of Pennsylvania Imaging Informatics Fellowship , PA (2024)
- Residency: Einstein Medical Center Philadelphia Radiology Residency (2024) PA
- Internship: University of Washington Dept of Surgery (2020) WA
- Medical Education: Philadelphia College of Osteopathic Medicine (2019) PA
- DPT, Arizona School of Health Sciences , Physical Therapy (2015)
- MEd, Cleveland State University , Exercise Science (2011)

LINKS

- Google Scholar Page: https://scholar.google.com/citations?user=E0Z81t0AAAAJ&hl=en&inst=8389273007308439986&oi=ao

Publications

PUBLICATIONS

- **Radiomic markers of intracerebral hemorrhage expansion on non-contrast CT: independent validation and comparison with visual markers.** *Frontiers in neuroscience*

  Haider, S. P., Qureshi, A. I., Jain, A., Tharmaseelan, H., Berson, E. R., Zeevi, T., Werring, D. J., Gross, M., Mak, A., Malhotra, A., Sansing, L. H., Falcone, G. J., Sheth, et al

  2023; 17: 1225342

- **The coronal plane maximum diameter of deep intracerebral hemorrhage predicts functional outcome more accurately than hematoma volume.** *International journal of stroke : official journal of the International Stroke Society*

  Haider, S. P., Qureshi, A. I., Jain, A., Tharmaseelan, H., Berson, E. R., Majidi, S., Filippi, C. G., Mak, A., Werring, D. J., Acosta, J. N., Malhotra, A., Kim, J. A., Sansing, et al

  2022; 17 (7): 777-784

- **Brain Tumor Imaging: Applications of Artificial Intelligence.** *Seminars in ultrasound, CT, and MR*

  Afridi, M., Jain, A., Aboian, M., Payabvash, S.

  2022; 43 (2): 153-169

- **P2Y12 inhibitors in neuroendovascular surgery: An opportunity for precision medicine.** *Interventional neuroradiology : journal of peritherapeutic neuroradiology, surgical procedures and related neurosciences*

  Rosengart, A., Collins, M. K., Hendrix, P., Uber, R., Sartori, M., Jain, A., Mao, J., Goren, O., Schirmer, C. M., Griessenauer, C. J.

  2021; 27 (5): 682-694

- **Admission computed tomography radiomic signatures outperform hematoma volume in predicting baseline clinical severity and functional outcome in the ATACH-2 trial intracerebral hemorrhage population.** *European journal of neurology*

  Haider, S. P., Qureshi, A. I., Jain, A., Tharmaseelan, H., Berson, E. R., Zeevi, T., Majidi, S., Filippi, C. G., Iseke, S., Gross, M., Acosta, J. N., Malhotra, A., Kim, et al

  2021; 28 (9): 2989-3000

- **Imaging of Spontaneous Intracerebral Hemorrhage.** *Neuroimaging clinics of North America*

  Jain, A., Malhotra, A., Payabvash, S.

  2021; 31 (2): 193-203

- **Impact of Telerehabilitation for Stroke-Related Deficits.** *Telemedicine journal and e-health : the official journal of the American Telemedicine Association*

  Knepley, K. D., Mao, J. Z., Wieczorek, P., Okoye, F. O., Jain, A. P., Harel, N. Y.

  2021; 27 (3): 239-246

- **Evaluation of Radiological Features of the Posterior Communicating Artery and Their Impact on Efficacy of Saccular Aneurysm Treatment with the Pipeline Embolization Device: A Case Series Study (vol 125, pg e998, 2019)** *WORLD NEUROSURGERY*

Enriquez-Marulanda, A., Ravindran, K., Salem, M. M., Ascanio, L. C., Kan, P., Srinivasan, V. M., Griessenauer, C. J., Schirmer, C. M., Jain, A., Moore, J. M., Ogilvy, C. S., Thomas, A. J., Alturki, et al

2020; 141: 584

- **Poor Outcomes Related to Anterior Extension of Large Hemispheric Infarction: Topographic Analysis of GAMES-RP Trial MRI Scans.** *Journal of stroke and cerebrovascular diseases : the official journal of National Stroke Association*

  Payabvash, S., Falcone, G. J., Sze, G. K., Jain, A., Beslow, L. A., Petersen, N. H., Sheth, K. N., Kimberly, W. T.

  2020; 29 (2): 104488

- **Comparison of Pipeline Embolization Device and Flow Re-Direction Endoluminal Device Flow Diverters for Internal Carotid Artery Aneurysms: A Propensity Score-Matched Cohort Study.** *Neurosurgery*

  Griessenauer, C. J., Thomas, A. J., Enriquez-Marulanda, A., Deshmukh, A., Jain, A., Ogilvy, C. S., Kocer, N., Engelhorn, T., Möhlenbruch, M., Holtmannspötter, M., Janssen, H., Finkenzeller, T., Reith, et al

  2019; 85 (2): E249-E255

- **Proposal of a follow-up imaging strategy following Pipeline flow diversion treatment of intracranial aneurysms.** *Journal of neurosurgery*

  Gupta, R., Ogilvy, C. S., Moore, J. M., Griessenauer, C. J., Enriquez-Marulanda, A., Leadon, M., Adeeb, N., Ascanio, L., Maragkos, G. A., Jain, A., Schmalz, P. G., Alturki, A. Y., Kicielinski, et al

  2019; 131 (1): 32-39

- **Predictive factors of incomplete aneurysm occlusion after endovascular treatment with the Pipeline embolization device.** *Journal of neurosurgery*

  Maragkos, G. A., Ascanio, L. C., Salem, M. M., Gopakumar, S., Gomez-Paz, S., Enriquez-Marulanda, A., Jain, A., Schirmer, C. M., Foreman, P. M., Griessenauer, C. J., Kan, P., Ogilvy, C. S., Thomas, et al

  2019: 1-8

- **Pharmacy-Mediated Antiplatelet Management Protocol Compared to One-time Platelet Function Testing Prior to Pipeline Embolization of Cerebral Aneurysms: A Propensity Score-Matched Cohort Study.** *Neurosurgery*

  Griessenauer, C. J., Jain, A., Enriquez-Marulanda, A., Gupta, R., Adeeb, N., Moore, J. M., Grassi, S. A., Dalal, S. S., Ogilvy, C. S., Thomas, A. J., Schirmer, C. M.

  2019; 84 (3): 673-679

- **A case of post angiography subdural collection contrast enhancement: Time course of attenuation reduction.** *Radiology case reports*

  Jain, A., Payabvash, S.

  2019; 14 (3): 396-399

- **Evaluation of Radiological Features of the Posterior Communicating Artery and Their Impact on Efficacy of Saccular Aneurysm Treatment with the Pipeline Embolization Device: A Case Series Study.** *World neurosurgery*

  Enriquez-Marulanda, A., Ravindran, K., Salem, M. M., Ascanio, L. C., Kan, P., Srinivasan, V. M., Griessenauer, C. J., Schirmer, C. M., Jain, A., Moore, J. M., Ogilvy, C. S., Thomas, A. J., Alturki, et al

  2019

- **Neuroprotection in traumatic brain injury.** *Journal of neurosurgical sciences*

  Desai, M., Jain, A.

  2018; 62 (5): 563-573

PRESENTATIONS

- Imaging and Radiomics of Hippocampus - Neuroradiology Department (faculty and trainees) (4/11/2025)
- Tailored AI Language Models for Personalized Radiology Education - Radiological Society of North America (RSNA) Annual Meeting attendees (12/1/2024)
- The Heart of Innovation: AI-Driven Coronary Artery Calcium Opportunistic Screening on Routine Chest CTs - Society for Imaging Informatics in Medicine (SIIM) (6/14/2024)
- Use of natural language processing algorithm to improve radiology report dictation speed and burnout rate amongst radiologists - Society for Imaging Informatics in Medicine (SIIM) Annual meeting (6/14/2024)
- The effects of corpus callosum agenesis on fetal white matter and deep nuclei diffusion metrics. - American Society of Functional Neuroradiology (ASFNR) (8/27/2022)
- Radiomics in Intracerebral Hemorrhage - Einstein Medical Center (1/1/2021)