Stanford

Arman Avesta, MD, PhD

Assistant Professor of Radiology (Pediatric Radiology)

Radiology - Pediatric Radiology

CLINICAL OFFICE (PRIMARY)

- **LPCH Pediatric Radiology**

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Bio

BIO

I'm a neuroradiologist and data scientist at Stanford. I care for patients at Stanford Children's Hospital and build intelligent systems for fetal and pediatric neuroimaging.

I'm passionate about how the fetal brain develops and how diseases such as genetic and metabolic disorders can disrupt that process. I'm building intelligent systems that chase the moving fetus inside the MRI scanner, capturing sharper and more advanced images of the developing brain.

Outside the hospital, I'm a ballroom dancer and have competed for the Harvard, Yale, and MIT ballroom dance teams. I also enjoy calisthenics, hiking, and tennis.

CLINICAL FOCUS

- Diagnostic Neuroimaging

ACADEMIC APPOINTMENTS

- Assistant Professor-Univ Med Line, Radiology - Pediatric Radiology

HONORS AND AWARDS

- Early Career Grant, Thrasher Research Fund (2025)
- Ralph Schlaeger Grant, Harvard Medical School - Massachusetts General Hospital (2024)
- Magna Cum Laude Award, International Society for Magnetic Resonance in Medicine (2023)
- First Place in Waltz/Tango/Foxtrot/Viennese-Waltz/Quickstep, La Classique Ballroom Dance Competition (2022)
- TL1 Grant, National Center for Advancing Translational Sciences (2022)
- RSNA Fellow Grant, Radiological Society of North America (2021)
- B. Leonard Holman Research Fellow, American Board of Radiology (2018)

- Norman E. Leeds Award, Eastern Neuroradiological Society (2015)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Editorial Board, Radiology: Artificial Intelligence (2020 - 2022)
- Founding President, Iranian Medical Student Association & IFMSA-Iran (2009 - 2010)

PROFESSIONAL EDUCATION

- Fellowship, Harvard Medical School - Boston Children's Hospital , Pediatric Neuroradiology (2026)
- Fellowship, Harvard Medical School - Massachusetts General Hospital , Neuroradiology (2025)
- PhD, Yale University , Data Science & AI (2023)
- Residency, Yale School of Medicine - Yale New Haven Hospital , Diagnostic Radiology (2021)
- Postdoc, Harvard Medical School - Massachusetts General Hospital , Neuroscience (2016)
- MD, Tehran University Medical School (2010)

LINKS

- Instagram: https://www.instagram.com/arman.avesta/

Publications

PUBLICATIONS

- **The Brain Tumor Segmentation (BraTS-METS) Challenge 2023: Brain Metastasis Segmentation on Pre-treatment MRI.** *ArXiv*
  Moawad, A. W., Janas, A., Baid, U., Ramakrishnan, D., Saluja, R., Ashraf, N., Jekel, L., Amiruddin, R., Adewole, M., Albrecht, J., Anazodo, U., Aneja, S., Anwar, et al
  2024