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Professional Profile

Dr. Keyserling reviews medical imaging studies and addresses issues pertaining to medical imaging. He is a licensed, board certified radiologist with additional fellowship training and certification in neuroradiology. He has over 15 years of experience as a practicing radiologist, with extensive experience in all aspects of diagnostic radiology, including radiographs, computed tomography (CT) scans, magnetic resonance imaging (MRI), ultrasound, and nuclear medicine.

Dr. Keyserling has particular interest in imaging of the brain and spine as well as trauma radiology. His clinical work involves interpretations of images involving traumatic and non-traumatic pathologies as well as consultations with physicians from all specialties, and his academic work includes both research and training of medical students and residents.

Dr. Keyserling maintains an academic appointment as associate professor of radiology at Stanford University with a primary clinical appointment at the Palo Alto VA Medical Center. He has been an invited speaker at both national and international conferences. In addition to his clinical and academic duties with Stanford and the VA, he also serves as a consultant radiologist to the Centers for Disease Control and Prevention (CDC) Division of Global Migration and Quarantine, where he provides teaching sessions for civil surgeons and provides radiologist oversight for the development of an artificial intelligence program to aid in immigrant screenings.

Academic Credentials & Professional Honors

M.D., Medicine, Medical College of Georgia, 1999

B.A., German, University of Georgia, 1994

B.S., Biology, University of Georgia, 1994

Stanford Radiology Clinical Teaching Award, Stanford University School of Medicine, Department of Radiology, 2025—2026

COACHME@Stanford: Basic and Advanced Course Series 30-Hour Coach Training Program. Stanford University School of Medicine, The Coaching Office, May 2026

Nakano Citation. Category: Data Methods and Study Design for the paper “Development and validation of a deep learning model for detecting signs of tuberculosis on chest radiographs among US-bound immigrants and refugees.” Centers for Disease Control and Prevention (CDC). 2025

Radiologist of the Year, Atlanta VA Medical Center, 2010—2011

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Teacher of the Year Nominee, Emory University School of Medicine, Department of Radiology residency program. June 2009

Neuroradiology Fellowship, Duke University, 2005

Diagnostic Radiology Residency, University of North Carolina at Chapel Hill, 2004

Toshiba Resident Program Award Recipient. Society of Radiologists in Ultrasound 11th Annual Meeting. New Orleans, Louisiana. October 2001

Transitional Year Internship, Atlanta Medical Center, 2000

First Place Award for the paper Acanthamoeba castellanii. Department of Microbiology, Medical College of Georgia. 1996

Phi Beta Kappa. University of Georgia. 1994

Magna cum Laude. University of Georgia. 1994

Willcox medal for outstanding scholarship. University of Georgia, Department of Germanic and Slavic Studies, 1994

Academic Appointments

Stanford University, School of Medicine, Department of Radiology, Clinical Associate Professor (Affiliated) (September 2024-present)

Emory University, School of Medicine, Department of Radiology and Imaging Sciences, Assistant Professor of Radiology (July 2005-July 2024)

Educational Appointments

Radiology Liaison, VA Medical Student Pathology Program, Palo Alto VA Medical Center, Summer 2026 Session

American Society of Neuroradiology (ASNR) Educational Committee, 2025—present

Coach, Stanford Radiology Residency Coaching for Communication Program, Department of Radiology, Stanford University School of Medicine, 2025—present

Emory Radiology Residency Site Director, Atlanta VA Medical Center, 2015—2024

Diagnostic Radiology Resident Education Committee, Emory University Department of Radiology, 2015—2024

Preceptor, Physical Medicine and Rehabilitation Senior Resident Radiology Rotation, Emory University School of Medicine, Atlanta VA Medical Center, 2017—2024

Preceptor, Neuropsychology Intern Radiology Elective, Atlanta VA Medical Center. 2016—2024

Education Accreditation Compliance Committee; CME Review Subcommittee - Neuroradiology section; American Roentgen Ray Society, 2011—2013

Prior Experience

Primary Clinical Appointments

Palo Alto VA Medical Center, Neuroradiologist (July 2024-present)

Atlanta VA Medical Center, Neuroradiologist (July 2005-July 2024)

Secondary Clinical Appointments

Sutter Medical Group, Emergency Radiologist/Neuroradiologist (June 2025-present)

Veterans' Health Administration (VHA) National Teleradiology Program, Emergency Radiologist/Neuroradiologist (November 2017-June 2024)

Administrative Appointments

American Society of Neuroradiology (ASNR) Standards and Guidelines Committee, 2025—present

Wellness Champion, Department of Radiology, Stanford University School of Medicine, 2025—present

Clinician Well-Being Committee, VA Palo Alto Health Care System, 2025—present

Stanford Medicine Faculty Mentor, 2024—present

VISN 21 Radiology A.I. Workgroup, 2024—present

VA National Radiology Peer Review Standards Committee, 2018—2022

National Radiologist Advisory Board, Veterans Administration, 2017—2022

VISN 7 Imaging Medical Diagnostic Subcommittee, 2018—2024

Medical Center Physician Advisory Board, Atlanta VA Medical Center, 2015—2024

CT Radiation Dose Reduction Committee, Atlanta VA Medical Center, 2011—2024

Radiation Safety Officer, Atlanta VA Medical Center, 2010—2024

Quality Control Officer, Department of Radiology, Atlanta VA Medical Center, 2006—2024

VISN 7 PACS Selection Committee, 2011—2017

Radiology Subject Matter Expert, Clinical Panel Review for CAVHCS, VISN 7, VA Healthcare System, 2015

CT Task Force, Atlanta VA Medical Center, 2010—2011

ER/Radiology Task Force Committee Member, Atlanta VA Medical Center, 2008

Emergency MRI Task Force Committee Member, Atlanta VA Medical Center, 2006

Professional Affiliations

American Society of Neuroradiology (ASNR), Senior Member

American Roentgen Ray Society (ARRS)

California Medical Association

Sierra Sacramento Valley Medical Society

Publications

Fields D, Holloway K, Levin E, Keyserling HF, Krein SL, Gentili A, Katz JN, Subashan P, Weiner DK. Preoperative factors and four-year decompressive laminectomy success in symptomatic lumbar spinal stenosis. Frontiers in Musculoskeletal Disorders 2025 Jan 06; 2:1493642.

Lee SH, Fox S, Smith R, Skrobarcek KA, Keyserling H, Phares CR, Lee D, Posey DL. Development and validation of a deep learning model for detecting signs of tuberculosis on chest radiographs among US-bound immigrants and refugees. PLOS Digit Health 2024 Sep 30;3(9):e0000612

Weil EJ, Keyserling H, Feuerstein B, Murphy O. Close your eyes and see: Stroke sequelae versus functional neurological disorder in a physician. Eur Neurol 2023;86(4):287-294.

Fox S, Smith R, Keyserling H, Lee S, Skrobarcek KA, Lee D, Posey DL, White ZA. Harnessing Machine Learning to Eliminate Tuberculosis (HaMLET) –Improving refugee and immigrant quality of care through the interpretation of X-ray images. Abstract at the 2022 North American Refugee Health Conference (NARHC).

Keyserling H. The Radiology of Tuberculosis. Invited lecture for The Centers for Disease Control and Prevention, Division of Global Migration and Quarantine, Grand Rounds Session III. Atlanta, Georgia. April 13, 2022.

Weiner DK, Holloway K, Levin E, Keyserling H, Epstein F, Monaco E, Sembrano J, Brega K, Nortman S, Krein SL, Gentili A, Katz JN, Morrow LA, Muluk V, Pugh MJ, Perera S. Identifying biopsychosocial factors that impact decompressive laminectomy outcomes in veterans with lumbar spinal stenosis: a prospective cohort study, PAIN 2021; 162(3):835-845.

Saint-Germain K, Keyserling HF. Isolated right common iliac artery aneurysm and right common iliac artery-left common iliac vein fistula. Case report in the Case in Point section of the website for the American College of Radiology (www.acr.org), September 2014.

Keyserling HF, Petrella JR, Lascola CR. Imaging of the patient with cognitive impairment. Web-based lecture on the website of the American Roentgen Ray Society (www.arrs.org). December 2008—present.

Keyserling HF. Conventional CT & MR imaging of the demented patient. Abstract at the 108th Annual Meeting of the American Roentgen Ray Society. Washington, DC. April 2008.

Keyserling HF, Provenzale JM. Atypical imaging findings in a near-fatal case of posterior reversible encephalopathy syndrome in a child. AJR Am J Roentgenol 2007;188(1):219-21.

Keyserling HF, Mukundan S Jr. The role of conventional MR and CT in the work-up of dementia patients (reprint). Magn Reson Imaging Clin N Am 2006;14(2):169-82.

Keyserling HF, Grimme JD, Camacho DLA, Castillo M. Nasal septal perforation secondary to rhinitis medicamentosa. Ear Nose Throat J 2006; 85(6):376, 378-9.

Keyserling HF, Mukundan S Jr. The role of conventional MR and CT in the work-up of dementia patients. Neuroimaging Clin N Am 2005;15(4):789-802.

Shah LM, Keyserling HF, Pekala JR, Huh B, Gray L. CT-fluoroscopically guided neurolytic sympathetic

plexus block: an efficacious pain management approach in patients with unresectable cancer. Abstract at the 43rd Annual Meeting of the American Society of Neuroradiology. Toronto, Ontario. May 2005.

Imaging Atlas of Human Anatomy, 3rd Edition. Book Review. Acad Radiol 2005;12(4):531.

Pocket Radiologist: Breast – Top 100 Diagnoses. Book Review. Acad Radiol 2005;12(1):131.

Pocket Radiologist: Obstetrics – Top 100 Diagnoses. Book Review. Acad Radiol 2004;11(11):1320-1321.

Camacho DLA, Smith JK, Grimme JD, Keyserling HF, Castillo M. Atypical MR imaging perfusion in developmental venous anomalies. AJNR Am J Neuroradiol 2004;25(9):1549-52.

Keyserling HF, Peterson KD, Camacho DLA, Castillo M. Giant cell angiofibroma of the orbit. AJNR Am J Neuroradiol 2004;25(7):1266-8.

Keyserling HF, Castillo M, Smith JK. Cranial fasciitis of childhood. AJNR Am J Neuroradiol 2003;24(7):1465-7.

Keyserling HF, Hyslop WB, Grimme JD. Can mean attenuation values be used to discriminate between phleboliths and urinary calculi on renal colic CT? Abstract at the 18th Annual Radiology Research Symposium of the University of North Carolina Hospitals. Chapel Hill, North Carolina. April 2003.

Musculoskeletal Imaging: Case Review. Book Review. Acad Radiol 2003;10(1):97.

Keyserling HF, Fielding JR, Mittelstaedt CA. Renal sonography in the intensive care unit: when is it necessary? J Ultrasound Med 2002; 21(5):517-20.

Obstetric and Gynecologic Ultrasound: Case Review. Book Review. Acad Radiol 2002;9(5):565.

Keyserling HF, Fielding JR, Mittelstaedt CA. Renal ultrasound in the ICU: when is it necessary? Abstract at the 17th Annual Radiology Research Symposium of the University of North Carolina Hospitals. Chapel Hill, North Carolina. March 2002.

Atlas of Emergency Radiology. Book Review. Acad Radiol 2001;8(12):1262.

Genitourinary Imaging: Case Review. Book Review. Acad Radiol 2001;8(11):1168.