

Rosalie Jane Hagge, M.D.

Clinical Interests	Dr. Hagge has clinical interests in general diagnostic and emergency radiology, diagnostic and therapeutic nuclear medicine, positron emission tomography (PET), radio guided surgery, translational medical imaging, nuclear oncology and nuclear cardiology. Her research focuses on digital medical imaging and performance evaluation of diagnostic systems. She is the Instructor of Record for the Senior Medical Student Clinical Clerkship in Diagnostic Radiology.
Title	Associate Clinical Professor
Specialty	Cancer, Radiology , Radiology - Nuclear Medicine
Department	Radiology
Division	Nuclear Medicine
Center/Program Affiliation	Cardiovascular Services UC Davis Comprehensive Cancer Center
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Education	M.D., Washington University School of Medicine, St. Louis, Missouri, 1988 B.S., Washington University, St. Louis, Missouri, 1983 M.S., Washington University, St. Louis, Missouri, 1984
Internships	St. John's Mercy Medical Center, St. Louis, Missouri, 1989
Residency	Duke University Medical Center, Durham, North Carolina, 1998 Mallinckrodt Institute of Radiology/Nuclear Medicine, St. Louis, Missouri, 1993
Board Certifications	American Board of Nuclear Medicine, 1996 American Board of Nuclear Medicine, 2006 American Board of Radiology, 1998
Professional Memberships	American Roentgen Ray Society Radiological Society of North America Society of Nuclear Medicine

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- Honors and Awards** Susan G. Komen Foundation Grant for Breast Cancer Research, 2001
Duke University Resident Teaching Award, 1998
RSNA Roenten Fellow/Resident Research Award, 1997
G.E. Medical Systems "Excellence in Clinical PET" Award, 1996
- Select Recent Publications** Bowen SL, Wu Y, Chaudhari AJ, Fu L, Packard NJ, Burkett GW, Yang K, Lindfors KK, Shelton DK, Hagge RJ, Borowsky AD, Martinez SR, Qi J, Boone JM, Cherry SR, Badawi RD. Initial Characterization of a Dedicated Breast PET/CT Scanner During Human Imaging. 50(9): 1401-1408, 2009.
- Clark RP, Wong G, Johnson LM, Hagge RJ, Ciminello F, Lee J, Stone K, Clark IA. Nasal Dorsal Augmentation with Freeze-Dried Allograft Bone. Plastic and Reconstructive Surgery 124(4):1312-1325, 2009.
- Hagge RJ, Coleman RE. Positron Emission Tomography: Lung cancer. Semin Roentgenol 37(2): 110-117, 2002.
- Ravizzini GC, Hanson MW, Shaw LK, Wong TZ, Hagge RJ, Pagnanelli RA, Jain D, Lima HS, Coleman RE, Borges-Neto S. Efficiency comparison between 99m Tc-tetrofosmin and 99m Tc-sestamibi myocardial perfusion studies. Nucl Med Commun, 23(3): 203-8, 2002.
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- Hagge RJ, Wong TZ, Coleman RE. Positron emission tomography: Brain tumors and Lung Cancer. Radiol Clin North Am 5:871-880, 2001.
- Hagge RJ, Al-Sugair A, Coleman RE. Non-small cell lung cancer, in Bender H, Palmedo H, Bresaik HJ, Valk PE, eds: An Atlas of Clinical PET in Oncology, Springer, Berlin, pp 153-170, 2000.
- Hagge RJ. Hypertrophic osteoarthropathy, in Provenzale JM, Nelson RC. Duke Radiology Case Review: Imaging, Differential Diagnosis, and Discussion. Lippincott-Raven, New York, 1998.
- Zimmerman JB, Hagge RJ, Hartzell KM, A determination of the relative visibility thresholds for basis functions of the Frazier-Jawerth transform. SPIE Medical Imaging IV: Image Capture and Display 1232:277-292, 1990.
- Miller TR, Hagge RJ, Sampathkumaran KS. Interactive digital filtering of gated cardiac studies during cine display. IEEE Transactions on Medical Imaging 7(3):188-192, 1988.

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