



Cameron Carl Foster, M.D.

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| Clinical Interests | Dr. Foster is a Nuclear Medicine physician practicing a wide variety of both diagnostic imaging and therapeutic interventions. He has particular clinical interest in advanced applications of both clinical and research Theranostic agents. |
| Research/Academic Interests | Dr. Foster focuses on collaborative research for a wide array of molecular imaging and therapeutic agents including the development of new targeted cancer therapies. |
| Title | Professor, Department of Radiology, Division of Nuclear Medicine |
| Specialty | Nuclear Medicine |
| Department | Radiology |
| Division | Nuclear Medicine |
| Clinic | UC Davis Medical Group, Folsom |
| Center/Program Affiliation | UC Davis Medical Group |
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| Additional Phone | Physician Referrals: 800-4-UCDAVIS (800-482-3284) |
| Languages | French |
| Education | M.D., UC Davis School of Medicine, Sacramento CA 2003 B.S., UC Davis, Davis CA 1999 |
| Internships | Surgery, UC Davis, Sacramento CA 2003-2004 |
| Residency | Nuclear Medicine, UC Davis, Sacramento CA 2004-2005 Chief Resident, Nuclear Medicine, UC Davis, Sacramento CA 2005-2006 |
| Board Certifications | American Board of Nuclear Medicine, 2014 |



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Professional Memberships

Society of Nuclear Medicine and Molecular Imaging

Honors and Awards

Sacramento Magazine Top Doctor in Nuclear Medicine, 2019, 2021

Patient Safety Innovation Award for implementation of Lutathera treatment program, UC Davis Health, 2020

Excellence in Professionalism - UC Davis Health System, Department of Radiology, 2005

Select Recent Publications

Costa GCA, Spencer BA, Omidvari N, Foster C, Rusnak M, Hunt H, Caudle DT, Pillai R, Vu C, Roncali E. Radioembolization Dosimetry with Total-Body 90Y PET. *J Nucl Med.* 2021 Nov 18: jnumed.121.263145. doi:10.2967/jnumed.121.263145. Epub ahead of print. PMID:34795015.

Foster CC, Davis RA, Hausner SH, Sutcliffe JL. v6-Targeted Molecular PET/CT Imaging of the Lungs After SARS-CoV-2 Infection. *J Nucl Med.* 2020 Dec;61(12):1717-1719. doi:10.2967/jnumed.120.255364. Epub 2020 Sep 18. PMID:32948681.

Zuo Y, Badawi RD, Foster CC, Smith T, López JE, Wang G. Multiparametric Cardiac 18F-FDG PET in Humans: Kinetic Model Selection and Identifiability Analysis. *IEEE Trans Radiat Plasma Med Sci.* 2020 Nov;4(6):759-767. doi:10.1109/trpms.2020.3031274. Epub 2020 Oct 15. PMID:33778234.

Roncali E, Taebi A, Foster C, Vu CT. Personalized Dosimetry for Liver Cancer Y-90 Radioembolization Using Computational Fluid Dynamics and Monte Carlo Simulation. *Ann Biomed Eng.* 2020 May;48(5):1499-1510. doi:10.1007/s10439-020-02469-1. Epub 2020 Jan 31. PMID:32006268.

Hausner SH, Bold RJ, Cheuy LY, Chew HK, Daly ME, Davis RA, Foster CC, Kim EJ, Sutcliffe JL. Preclinical Development and First-in-Human Imaging of the Integrin v6 with [18F]v6-Binding Peptide in Metastatic Carcinoma. *Clin Cancer Res.* 2019 Feb 15;25(4):1206-1215. doi:10.1158/1078-0432.CCR-18-2665. Epub 2018 Nov 6. PMID:30401687.

Zhou C, Foster B, Hagge R, Foster C, Boutin R, Chaudhari A. Prognostic value and multivariate



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analysis of body composition measures on 18F-FDG PET/CT imaging in patients with esophageal adenocarcinoma. *J Nuclear Med.* 2017;58(supplement 1): 492.

Kuo J, Foster C, Shelton D. Particle disease on fluoride-18 (NaF) PET/CT imaging. *J Radiol Case Rep.* 2011;5(5):24-30. doi:10.3941/jrcr.v5i5.697. Epub 2011 May 1. PMID:22470793.

Kuo J, Foster CC, Shelton DK. The UCD experience with classic gastric emptying scintigraphy-systematic review and meta-analysis. *J Biomed Graph Comput.* 2011;1:10-23.

Lin FI, Foster CC, Hagge RJ, Shelton DK. Extensive FDG uptake in accessory muscles of respiration in a patient with shortness of breath. *Clin Nucl Med.* 2009 Jul;34(7):428-30. doi:10.1097/RLU.0b013e3181a7d1a9. PMID:19542946.

Lee BE, Redwine J, Foster C, Abella E, Lown T, Lau D, Follette D. Mediastinoscopy might not be necessary in patients with non-small cell lung cancer with mediastinal lymph nodes having a maximum standardized uptake value of less than 5.3. *J Thorac Cardiovasc Surg.* 2008 Mar;135(3):615-9. doi:10.1016/j.jtcvs.2007.09.029. Epub 2008 Jan 11. PMID:18329480.

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