Position:
The Vanderbilt University Medical Center (VUMC) in Nashville, Tennessee is seeking motivated post-doctoral candidates to develop their translational research career in imaging of cutaneous manifestations of cancer and its treatments. Trainees in this well-funded program will enjoy a competitive salary, benefits, and ample resources to advance their career and research. Initial appointment will be for one year with annual renewal options. Multimodal dermatologic imaging techniques including 3D photography, hyperspectral imaging, and confocal microscopy, coupled to image analysis techniques including deep learning neural networks, will be applied in ongoing multicenter clinical trials and basic science research.

Environment:
Candidates will benefit from a personalized research program catered to their goals utilizing resources and mentoring within the Vanderbilt-Ingram Cancer Center (Madan Jagasia), Dermatology (Eric Tkaczyk), Computer Science (Benoit Dawant) and the Biophotonics Center within Biomedical Engineering (Anita Mahadevan-Jansen). This environment brings together clinicians, basic scientists, engineers and statisticians in close collaboration due to its interdisciplinary research and close physical proximity of the School of Medicine to the School of Engineering (100-200 yards). Example publication: https://www.nature.com/articles/s41409-018-0211-8

Qualifications:
Ph.D. or M.D. with expertise in at least one of the following: clinical translational research, computer science, dermatologic imaging, multivariate data analysis, image processing, optics, clinical device validation, clinical trials and study design, immunology, or biomarkers. The Vanderbilt University Medical Center is an equal opportunities employer.

Application and contact:
Interested applicants are requested to mail their CV, a one-page personal statement, and two letters of recommendation with reference phone numbers and email addresses to:

Eric Tkaczyk, M.D., Ph.D.
Director, Cutaneous Imaging Clinic
Vanderbilt Dermatology
One Hundred Oaks Suite 26300
719 Thompson Lane
Nashville, TN 37204
VCICrecruit@gmail.com