Dr. James Gee
Associate Professor of Radiologic Science in Radiology
Director, Penn Image Computing and Science Laboratory
University of Pennsylvania

James Gee, Ph.D., is Associate Professor of Radiologic Science and Computer and Information Science, Director of the the HHMI-NIBIB (Howard Hughes Medical Institute – National Institutes of Biomedical Imaging and Bioengineering) Interfaces Program in Biomedical Imaging and Informational Sciences, and Co-Director of the Translational Biomedical Imaging Center of the Institute for Translational Medicine and Therapeutics, all at the University of Pennsylvania, Philadelphia. Dr. Gee’s group, the Penn Image Computing and Science Laboratory (PICSL), works broadly in the field of biomedical image analysis, with focus on mathematical and computational methods for quantifying the ways in which anatomy and physiology can vary in nature, over time, or as a consequence of disease or therapy. A primary goal of this research is its translation into practical tools, made freely and publicly available through the lab’s open-source ITK-SNAP, ANTS and DTI-TK software. Dr. Gee’s current work spans various body systems and the major modalities in biological and medical imaging, and includes integrative studies of structure-function relationships of the brain, lung, heart and musculoskeletal system in health and disease.

4PM, WEDNESDAY, OCTOBER 27, 2010
Carlson Auditorium, Center for Imaging Science (Bldg. 76)