U.S. Department of Health and Human Services
Food and Drug Administration

**Dr. Aldo Badano**
**DIAM/OSEL/CDRH/FDA**
10903 New Hampshire Ave
Building 62, Room 3116
Silver Spring, MD 20993-0002
Phone (301) 796-2534
Fax (301) 796-9925
aldo.badano@fda.hhs.gov

# POSITIONS IN THE DIVISION OF MEDICAL IMAGING AND APPLIED MATHEMATICS OFFICE OF SCIENCE AND ENGINEERING LABORATORIES (CDRH/FDA)

## Post-doctoral position in multidimensional display of medical images

The Division of Imaging and Applied Mathematics at the Office of Science and Engineering Laboratories, Center for Devices and Radiological Health (Food & Drug Administration) is seeking candidates for a post-doctoral fellowship to study the multidimensional display of large image sets. The ideal candidate will have a strong background in physics, psychophysics, imaging sciences, as evidenced by their publication record. The position is available immediately. Preferred qualifications include experience in advanced scientific programming (IDL, Matlab, C, Fortran, Tcl/Tk, Perl, Python, or OpenGL) and familiarity with computational tools for imaging. The candidate will join a research group in imaging physics with a range of projects involving advanced x-ray detector simulations, imaging phantom development, display evaluation, and task-based assessment of image quality with state-of-the-art experimental facilities. The position is offered initially for one year; support for subsequent years will be considered based on performance and availability of funding.

## Post-doctoral position in x-ray imaging system simulation

The Division of Imaging and Applied Mathematics at the Office of Science and Engineering Laboratories, Center for Devices and Radiological Health (Food & Drug Administration) is seeking candidates for a post-doctoral fellowship to participate in the study of digital x-ray imaging systems. The position is available immediately. The candidate, a recent PhD graduate, should have a strong background in Physics, Electrical Engineering, Imaging Sciences, or related field. Preferred qualifications include knowledge of solid-state device physics and device electronics. The candidate will join a research group in imaging physics with a range of projects involving x-ray detector simulations, imaging phantom development, display evaluation, and task-based assessment of image quality with state-of-the-art experimental facilities. The position is offered initially for one year; support for subsequent years will be considered based on performance and availability of funding.

These positions are located in the metropolitan DC region with multiple opportunities for training within and outside the FDA laboratories. U.S. citizenship is not required. Interested candidates should send a CV, peer-review publication samples and the names of three references to Aldo Badano (aldo.badano@fda.hhs.gov). Please use the words "Position in _____", identifying the position of interest, in the subject line.