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UNDERSTAND PREVENT
& CURE CANCER

INSTRUMENTATION & HARDWARE CONTROL (LABVIEW)

At Roswell Park Cancer Institute (RPCI) we are looking for candidates to take an active part in the research and development of novel optical imaging instrumentation and computational methods. We focus on noninvasive imaging of cancer in animal and clinical studies. RPCI offers a stimulating work environment integrating engineering and physics with medicine and biology.

The candidate will have a unique opportunity in both basic laboratory and translational research by collaborating with scientists and medical doctors located in the same research environment. Several projects are available with a particular focus on CCD camera based fluorescence imaging (tomography), ultrasound, photoacoustic imaging, and optical spectroscopy and microscopy. For the details please visit us at:

<http://www.opticalimaging-pdt.org>

Qualifications:

The qualified candidates should have a strong background in Optical Engineering, Electrical Engineering, Biomedical Engineering, Physics, Medical Physics, or related fields. We have several positions available **now** involving: **instrumentation, hardware/software communication.**

Preferred particular skills:

- **Strong programming skills and experience with LabVIEW (It is a must), Matlab.**
- Previous hands-on experience in instrumentation development, hardware control, signal acquisition
- Design of optical systems, experience with opto-mechanical, electro-optic systems
- Undergrad, MS or PhD (Part-time or full-time)

To Apply: Please send (via email) your CV a cover letter describing your background to:

Ulas Sunar, PhD (Ulas.Sunar@roswellpark.org).

Optical Imaging Lab:

<http://www.opticalimaging-pdt.org>

Roswell Park Cancer Institute