
BIOGRAPHICAL SKETCH

Provide the following information for the key personnel and other significant contributors in the order listed on Form Page 2.
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NAME Sylvain Gioux	POSITION TITLE Ph.D. Student		
eRA COMMONS USER NAME			
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
Boston University, Boston, USA	M.S.	2005	Photonics Engineering
ENSEEIH, Toulouse, France	M.E.	2005	Electronics and Signal Processing
IUT Bordeaux 1, Talence, France	Technical College degree	2002	Physical Measurements

A. Positions and Honors

Spring 2006

Graduate Teaching Fellow, Boston University, Boston, MA

September 2004 - current

BIDMC/Harvard Medical School, Boston, MA, USA

Research assistant in the laboratory of John V. Frangioni, M.D., Ph.D., application of advanced optical methods for image-guided surgery

June - August 2004

THALES Airbone Systems, Pessac, France

Internship in stimulation software unit, studied automatic generation of C++ code for Rafale aircraft's messages simulation

July - August 2003

LANCY MIXJET, Floirac, France

Internship in research and development laboratory, studied automation of new machine including sensor technology, data acquisition and LabVIEW simulation

July - August 2002

NEXANS, Lyon, France

Internship in Nexans Research Center (NRC), optimization of chemical compositions for optical fibers

April - June 2002

Kingston University, Kingston, United Kingdom

Internship in Materials research laboratory, all terrain bike front fork with damped suspensions design

August - September 2001

NEXANS, Paris, France

Internship in wires qualification laboratory, qualification of new wires, tests for aeronautic wires : heat resistance, high frequencies

B. Selected peer reviewed publications or manuscripts in press. (Chronological order)

Gioux S, De Grand AM, Lee DS, Yazdanfar S, Idoine JD, Lomnes SJ, Frangioni JV. Improved optical sub-systems for intraoperative near-infrared fluorescence imaging. In: Analoui M, Dunn DA, editors.

Proceedings of SPIE (International Society for Optical Imaging). Optical Methods in Drug Discovery and Development Volume 6009; 2005; Oct 23-26; Boston, MA. Bellingham, WA; 2005. p.39-48.

C. Research support.
None