

STATEMENT OF INTENT (Example)

Prime PI: _____ your name _____ **Prime Institution:** _____ your institution _____
Project Title: _____ 3D Slicer for image guided robot surgery _____

Cooperating Institution: _____ Brigham and Women's Hospital and Harvard Medical School _____
PI Name: _____ Nobuhiko Hata _____ **ERA Commons ID:** _____
tel: _____ 617-763-9805 _____ **fax:** _____ 617-582-6033 _____ **email:** _____ hata at bwh.harvard.edu _____
Project Period: _____ Aug 1, 2007-March 31, 2012 _____ **Direct Costs:** \$ _____ XXXXX _____ **F&A Costs:** \$ _____ XXXX _____
Performance site: _____ 75 Francis St, Boston, MA 02115 _____

Cooperating Institutional Business Contact Information:

Name: _____
Address: _____
Tel: _____ **Fax:** _____ **Email:** _____

Project information:	Yes	No	Assurance#:	Approval Date or Pending:
Human subjects:	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
Vertebrate animals:	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
Human Embryonic Stem Cells:	<input type="checkbox"/>	<input type="checkbox"/>		
Inventions and Patents: (for renewal applications)	<input type="checkbox"/>	<input type="checkbox"/>		
Program Income:	<input type="checkbox"/>	<input type="checkbox"/>		

Certifications:

In signing below and offering to participate in this research program, the Cooperating Institution certifies that neither they nor their principals are presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from receiving funds from any federal department or agency and are not delinquent on any federal debt; they are in compliance with the Drug Free Workplace Act of 1988; they are in compliance with U.S. Code, Section 1352, restrictions on the use of federal funds for the purpose of lobbying; they have filed annually with the Office of Scientific Integrity a PHS form 6349 governing Misconduct in Science; they have filed with DHHS compliance offices certification forms governing Civil Rights (441), Handicapped Individuals (641), Sex Discrimination (639-A), and Age Discrimination (680); they are in compliance with PHS policy governing Program Income; they have established policies in compliance with 45 CFR Part 46, Subpart A (protection of human subjects); the Animal Welfare Act (PL-89-544 as amended) and the Health Research Exchange Act of 1985 (Public Law 99-158); and that they are in compliance with NIH guidelines regarding human pluripotent stem cell research, transplantation of fetal tissue, recombinant DNA and human gene transfer research, and inclusion of women, children & minorities in research.

The appropriate programmatic and administrative personnel of each institution involved in this grant application are aware of the PHS-NIH consortium grant policies and are prepared to establish the necessary inter-institutional agreements consistent with those policies. In signing below, the Cooperating Institution certifies that it has implemented and is enforcing a written policy of Conflict of Interest consistent with the provisions of 42 CFR Part 50, Subpart F & 45 CFR Subtitle A, Part 94 and that there is no real or apparent conflict of interest for the purposes of this project.

Cooperating Institution Business Official:

Robin Cyr, Director of Research Management

Signature

Date

STATEMENT OF WORK

The objective of this study is to develop methods to fuse PET/CT/MRI for MRI-guided robot surgery of brain tumors. Specifically, we will extend 3D Slicer to support the handling, fusion, and display of massive, multi-modality data and to monitor and control focused ultrasound equipment for image guided therapies. We will also develop novel rigid and deformable registration methods for intra-operative PET, CT, and MRI to update navigation plans during focused ultrasound therapies.