

Proposal Form

Solicitation Number: FRS-002

Proposal Title: Fundamentals of Robotic Surgery: Curriculum and Technical Skills Validation Trial

Institution

Address

Phone:

Email:

Principal Investigator:

Co- Principal Investigator (if any)

Medical Director of Institute (if not the PI):

Administrative Director:

Participating Personnel & Effort Levels:

Name	Title	Role	Percent of Effort or FTE
		PI – Medical Director	
		Surgical Director	
		Administrative Director	

Point of Contact: **Name**
 Phone
 Email

Address (if different than above):

Collaborating Institutions (if any):

Criteria for Participation

Criterion 1.0 Institute requirements

- 1.1 How long as an ACS/AEI accredited Institute: _____years
- 1.2 Type of Institute: Comprehensive (Level 1) ____ or Focused (Level 2) ____
- 1.3 Ability to recruit subjects in 3 surgical specialties that perform robotic surgery (minimum 3)
 [NOTE: Novice may be any resident, fellow or surgeon who has not performed robotic surgery]
 [NOTE: Expert is any robotic surgeon with minimum of 50 robotic surgical procedures and minimum of 25 robotic procedures per year (for those performing robotic surgery for more than one year)]

1.3.1 Specialty :

- 1.3.1.1 Experts (minimum 2) _____
- 1.3.1.2 Novices (minimum 8) _____

1.3.2 Specialty :

- 1.3.2.1 Experts (minimum 2) _____
- 1.3.2.2 Novices (minimum 8) _____

1.3.3 Specialty :

- 1.3.3.1 Experts (minimum 2) _____
- 1.3.3.2 Novices (minimum 8) _____

1.3.4 Additional Specialty (optional) :

- 1.3.4.1 Experts (minimum 2) _____
- 1.3.4.2 Novices (minimum 8) _____

- 1.4 Letter of Support: Dean/CEO of Medical Center/School/Hospital [Attach as Appendix 1]

Criterion 2.0 Staff requirements (Attach CV of PI and Key Personnel as Appendix 2)

- 2.1 Principle Investigator : Time dedicated to project (minimum 10% or 0.1 FTE) _____ % or FTE
- 2.2 Surgical Director: Time dedicated to project (min 5% or 0.05 FTE – if not PI) _____ % or FTE
- 2.3 Medical Educator or PhD Psychologist (Optional) _____ % or FTE
- 2.4 Administrative support Executive Level) _____ % or FTE
- 2.5 Administrative support (Clerical Level) _____ % or FTE
- 2.6 Informatics support (technical/clerical) _____ % or FTE
- 2.7 Technician support _____ % or FTE

3.0 Resource requirements

- 3.1 Access to a DaVinci Si robot Number of Si Robots _____
- 3.2 Access to MIMIC robotic simulator (optional) Number of Simulators _____
- 3.3 Access to “Backpack” robotic simulator (optional) Number of Simulators _____
- 3.4 Do you routinely perform skills training in the following domains: (answer yes or no)
 - 3.4.1 Didactic lecture and/or on-line curricula _____
 - 3.4.2 Team Training/communication skills (manikin-based) _____
 - 3.4.3 Team Training/communication skills (non-manikin, actors, etc) _____
 - 3.4.4 Dry lab – Virtual Reality/computer-based psychomotor skills _____
 - 3.4.5 DaVinci-based robotic skills _____
 - 3.4.6 Mimic simulator _____

4.0 Experience in Robotic Surgery Simulation and Training (check those which pertain)

- 4.1 Have not conducted robotic surgical training previously _____
- 4.2 Have used curriculum supplied by Intuitive Surgical _____
- 4.3 Created own curriculum (not validated or published in peer- review Journal) _____
- 4.4 Created own curriculum and have validated/published in peer- review Journal _____
- 4.5 Has any member of your faculty or ACS-AEI participated during any of the FRS consensus conferences? _____

5.0 Academic record requirements (Attach as Appendices 3 and 4)

- 5.1 Proven academic track record in surgical education
- 5.2 Peer-reviewed publications in surgical education and/or simulation from educational activities conducted by faculty/staff at this ACS-AEI (Attach as Appendix 3) (e.g., Curricula developed, Validation Trials, New simulation technology,
- 5.3 Presentations at ACS-AEI Postgraduate Course/Consortium meetings (Attach as Appendix 4)

6.0 Human Subject Research (HSR) and Institutional Review Board IRB): The FRS is negotiating with the Western Institutional Review Board (Connexus) <http://www.wirb.com/Pages/default.aspx> for approval of a comprehensive IRB which the PI may submit to their institution

- 6.1 Does your institution accept the Western IRB format? (Answer yes or no) _____

7.0 Unique Experience, Capabilities or Resources of the ACS-AEI or faculty (Attach as Appendix 5)

- 7.1 What distinguishes your ACS-AEI and faculty above other applicants? (Appendix 5, 1 page limit)

8.0 Conflict of Interest and Disclosures: (Attach as Appendix 6)

Appendices - Please use separate page(s) for each Appendix

Appendix 1

Letter of Support

Appendix 2

Brief CV for PI and Key Personnel:

Appendix 3

List of Relevant Publications in Surgical Education and/or Simulation:

Appendix 4

List of Presentations at an ACS-AEI Postgraduate Course/Consortium Meeting

Appendix 5

Unique Experience, Capabilities or Resources of the ACS-AEI or Faculty

Appendix 6

Conflict of Interest and Disclosures