CCC / CRA Roadmap for Robotics Workshop:
A Research Roadmap for Medical and Healthcare Robotics

June 19-20, 2008
The Westin Arlington Gateway
801 North Glebe Road, Arlington, Virginia 22203

Before the Workshop

We encourage all participants to review the workshop proposals (found at http://www.us-robotics.us) ahead of time and to come prepared with initial issues to be considered for the group discussions. In particular, we ask each attendee to come to the meeting with his or her own lists of:

1. What are the main societal/business drivers for the next 5-10 years?
2. What are the main obstacles to achieve this?
3. What research is required to overcome the obstacles?

During the Workshop

As the workshop agenda indicates, the meeting is expected to be highly interactive. There will be a limited number of brief general presentations, as active participation by all participants is essential to success.

After the Workshop

After the workshop, a draft document will be prepared by the organizers. The document will be made available through the web (http://www.us-robotics.us) and a blog space will be available for collection and consideration of community feedback. The blog will be edited to guard against spam, articulation of personal agendas, etc.

AGENDA

Thursday, June 19

8:15 am   Breakfast (provided)

9:00 am   Opening / Welcome (Henrik Christensen)

9:30 am   Select set of industry/clinical presentations to set stage (max 10 minutes each with emphasis on main business / societal drivers)

10:30 am   Break

10:45 am	Group-based brainstorm on societal/business drivers - Each individual should bring to the discussion a list of up to 5 drivers. The drivers must be of clear value to society/business. - Each group to identify up to 8 national drivers.
12:00 pm	Group Lunch (provided)
1:00 pm	Synthesis in plenary session (max of 10 drivers identified as a basis for the roadmap/discussions)
2:00 pm	Group discussions (each group identifies 5 major technical obstacles to progress on the specified drivers)
3:15 pm	Break
3:30 pm	Plenary session synthesis of the 10 most important technical obstacles
4:30 pm	Group discussions on main research problems to be addressed to remove the specified technical obstacles. Each group is expected to identify up to 8 research problems and to specify a strategy to approach / address the identified problems.
5:30 pm	Quick summary/wrap-up of the results of the 1st day
6:30 pm	Group dinner (provided)

Friday, June 19

8:00 am	Breakfast (provided)
9:00 am	Synthesis of primary research challenges and approach. At most 10 issues to be identified.
10:00 am	Break
10:15 am	Sketch of a roadmap document with main sections and keywords for each primary section.
11:30 am	Workshop summary/wrap-up
12:00 pm	Meeting ends