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## **Curriculum Vitae**

### **Presentations**

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[SURGERY PUBLIC WEB SITE — BIOSKETCH &  
COMPLETE CONTACT INFO](#)

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SLS Annual Meeting, Endo Expo 2009  
Boston, MA  
September 9, 2009

[Future of Surgery and the Future of Surgeons](#) {MS PowerPoint, 28 MB}

Innovation Forum  
Saskatoon  
September, 2009

[Innovation and Advanced Technologies for the Future of Healthcare](#) {MS PowerPoint, 39MB}

Innovation Forum  
Saskatoon  
September, 2009

[The Innovative and Entrepreneurial Culture - Examples in Healthcare](#) {MS PowerPoint, 14MB}

AB Medical  
Milan  
June, 2009

[Architecture and Evolution of the Hospital of the Future](#) {MS PowerPoint, 46MB}

BFI Forum  
Providence, RI  
October, 2008

[Failure is the Pathway to Success](#) {MS PowerPoint, 18MB}

National Forum on the Future of the Defense Health Information System  
ASD(HA) and Georgetown University  
Arlington, VA, March 26, 2008

[Total Body Scanning and the Longitudinal Health Record](#) {MS PowerPoint, 14 MB}

Biomedical Engineering Students Society  
Monterrey, Mexico, March 7, 2008

[The Future of Technology in Medicine](#) {MS PowerPoint, 14 MB}

AIA Seattle / AHP Healthcare Design Conference  
Seattle, WA, February 14, 2008:

[The Future of Healthcare and the Impact upon Architecture](#) {MS PowerPoint, 12 MB}

Corpus Christi, TX, Oct. 15th-18th, 2007:

[Plasma: Foundation for a revolution in healthcare](#), {MS PowerPoint, 3 MB}

The Mayo Clinic, Honolulu, HI, February 10-11, 2007:

- [Surgery of the Future: What's After Laparoscopic Surgery, Mayo Surgical Symposium](#) {MS PowerPoint, 3 MB}
- [Robotic Surgery: The Science for Today and Tomorrow](#) {MS PowerPoint, 4 MB}

[Telepresence World 2007 presentation](#), University of San Diego {MS PowerPoint presentation, 4 MB}

[Trauma Pod Full Demo](#) {mpeg video, 15 MB}

[Trans-Gastric Appendectomy](#) {mpeg video, 43 MB}

[How the Future of Surgery is Changing: Robotics, telesurgery, surgical simulators and other advanced technologies](#) {article, Adobe PDF, June 2006}

[How the future of surgery is changing: Robotics, telesurgery, surgical simulators and other advanced technologies](#) (MS PowerPoint presentation, Sept., 2006)

August, 2006

Telepresence Surgery — the Future of Minimally Invasive Procedures (Original DARPA version, 1992)

- [Windows Media video](#) {11 MB}
- [Quicktime video](#) {13 MB}

May, 2006

[Trauma Pod Feasibility Demonstration](#) {mpeg video, 68 MB}

Storz Lecture in Innovative Technology, SAGES 2006

Dallas, TX, April 29, 2006

[Surgeon Responsibility in the Age of "Outrageous" Science](#) {MS PowerPoint, 8 MB}

8th Annual Biomedical Engineering Lecture

Dartmouth College, Hanover, NH

April 4, 2006

[Biomedical Engineering, Advanced Technology and the Future of Medicine](#) {MS PowerPoint, 73 MB}

University of Maryland, Baltimore, February 1, 2006

[Impact of Advanced Technologies on the Future of Medicine](#) {MS PowerPoint, 10 MB}

University of Minnesota, November 28, 2005

[The future of surgery and the paradigm change in surgical simulation](#) {MS PowerPoint, 10 MB}

The operating room of the future

[.avi video](#) 17 MB

[Quicktime video](#) 10 MB

Robotic trauma pod animation

[.avi video](#) 4 MB

Facial animatronics, author David Hanson

[.wmv video](#) 2 MB

Robotic supernormal performance demo

[Mpeg video](#) 14 MB

supernormal performance clip from movie "Aliens"

[Mpeg video](#) 9 MB

Cyberkinetics demo

[.wmv video](#) 23 MB

Miami, January, 2005

[The Future of Surgery Simulation, IMMS](#) {MS PowerPoint, 18 MB}

University of Tokyo, December 10th, 2004

[The future of healthcare](#) {MS PowerPoint, 10 MB}

[The future of healthcare](#) {MS Word, 50k}

*All presentations below are MS Powerpoint. Click on the desired presentation. If necessary once it loads, on top menu go to 'File' > 'Save As' and save the file to your harddrive.*

Idea City '04, Toronto, June 17, 2004

[Science, Ethics, and the Future](#) 11.3 MB

12th International Congress, European Assoc. for Endoscopic Surgery, Barcelona, June 11, 2004

[The Nature of Errors](#) 440k

Advanced Initiatives in Medical Simulation, Washington, DC, May 10, 2004  
[Challenges Facing Simulation: How a National Agenda Would Solve the Problem](#) 1.5 MB

College of Anaesthetists, RCSI, Dublin, May, 2004  
[The BioIntelligence Age: Healthcare after the Information Age](#) 15.4 MB

May, 2004  
[Combat Medical Support Enters the Information Age](#) 2.3 MB

Medicine Meets Virtual Reality, MMVR 12, Newport Beach, CA, January 15-16, 2004  
[The Operating Room of the Future](#) 2.6 MB  
[From Validation to Implementation: How Do We Proceed?](#) 224k

Harvard University, October 29, 2003  
[The Future of Health Care](#) 43 MB

Society of Medical Innovation and Technology, Amsterdam, August 28, 2003  
[Simulators for Training: Assessment, Validation and Acceptance Strategies](#) 1.6 MB

ATACCC, St. Petersburg, Florida, August 17, 2003  
[VMAS: The Five Fundamental Conferences](#) 230k

Urological Society of Australasia, March 3, 2003  
[The BioIntelligence Age: Healthcare after the Information Age](#) 27.4 MB

SurgSim-MMVR-January, 2003  
[LapSim Presentation - Surgical Science](#) 246k  
[Immersion Med](#) 3 MB  
[ICSAD: Imperial College Surgical Assessment Device](#) 2.5 MB  
[LTS2000 with ISM50 Interactive Sensing Module](#) 2.3 MB  
[Symbionix: Computer-Assisted Endoscopy](#) 1.2 MB  
[SimPL DPL Simulator](#) 3.8 MB  
[Vascular Intervention Simulator Training](#) 2.2 MB  
[Human Patient Simulator](#) 12.8 MB  
[The Xitact Platform](#) 8.4 MB  
[Objective Structured Assessment for Technical Skills \(OSATS\)](#) 94k  
The Blue Dragon Surgical Assessment Robotic System:

- [Etymology of Endoscopic Suturing](#) 2.6 MB
- [In-Vivo and In-Situ Compressive Properties](#) 1.5 MB

## IMAGES MASTER FILES

[Advanced technology and the future of science \(images\)](#) [MS PowerPoint, 36 MB]  
[The biointelligence age: Science after the information age](#) [MS PowerPoint, 23 MB]  
[The biointelligence age: Science after the information age - extras](#) [MS PowerPoint, 16 MB]  
[Operating room of the future](#) [MS PowerPoint, 3.4 MB]  
[Robotics](#) [MS PowerPoint, 14 MB]  
[Virtual Reality](#) [MS PowerPoint, 13 MB]  
[Surgical Simulators](#) [MS PowerPoint, 7 MB]  
[Military research](#) [MS PowerPoint, 11.5 MB]