CATHERINE MOHR, MD

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HealthTech executive with over 20 years of experience in the areas of strategy, research, product development, and organizational change. Exceptional leadership, collaborative and communication skills coupled with industry experience and insights into emerging opportunities, trends, issues and challenges. Proven history of visionary thought-leadership as an advisor on future technologies to a wide range of companies and government agencies, and a sought after speaker/lecturer in both academia and ideas conferences such as WIRED and TED. Diverse background covers surgery, medical technology, engineering, product design, healthcare, alternative energy, automotive, aerospace, global entrepreneurship, IP litigation, FDA compliance, education, and product development.

PROFESSIONAL EXPERIENCE

INTUITIVE FOUNDATION
Sunnyvale, CA

PRESIDENT & FOUNDER, 2018 TO PRESENT

Responsible for founding and leading a global corporate research and philanthropy foundation for Intuitive Surgical. Process included defining the mission and long-term strategic plan for managing and maximizing the effectiveness of a new funding entity in the health technology and policy field. Built the program from idea to fully operational 501(c)3 organization with $25M of funding, capable of managing $5-6M of annual disbursements in a complex global regulatory environment within 6 months.

INTUITIVE SURGICAL, INC.
Sunnyvale, CA

VICE PRESIDENT, STRATEGY, 2015 TO 2018

Responsible for developing and coordinating strategic initiatives for Intuitive Surgical including competitive analysis, working with country managers and executive staff to develop and execute multi-year global strategy roadmaps for expansion in OUS markets, understanding the healthcare systems of, and developing market strategies for, emerging markets such as India and China, identifying and interpreting multi-year trends in technology and medicine to provide guidance to a multi-disciplinary team developing the next generation of robotic surgical platforms.

DIRECTOR, SR. DIRECTOR AND VP OF MEDICAL RESEARCH 2006 TO 2015

Responsible for identification and planning of research areas, defining measures of clinical utility for experimental surgical devices, defining core clinical metrics of success for particular surgical procedures, identifying key new technologies for incorporation into the da Vinci surgical platform, co-managing Intuitive's research grant program, and conducting surgical labs to evaluate prototype devices and technologies and work with outside surgeons to develop new surgical procedures, and develop a long term product expansion roadmap.

SINGULARITY UNIVERSITY
Moffet Field, CA

MEDICINE FACULTY, JULY 2009 TO PRESENT

Regular lecturer for the Singularity University Executive Program, Graduate Studies Program and Exponential Medicine Programs.

STANFORD SCHOOL OF MEDICINE
Stanford, CA

CONSULTING ASSISTANT PROFESSOR, 2010 TO 2014
CLINICAL INSTRUCTOR IN SURGERY, 2006 TO 2010
COORDINATOR FOR GOODMAN SURGICAL CENTER, 2006 TO 2010

Responsible for curriculum development and coordination of simulation-based learning programs at Stanford department of Surgery and instruction of residents in surgical skills.

VERESURE, INC.
Palo Alto, CA

FOUNDER, 2005 TO 2006

Co-founded a startup company while in medical school to commercialize a device designed to allow safe establishment of pneumoperitoneum. Company was acquired by Aragon Surgical after obtaining FDA approval and initiating product introduction.

AEROVIRONMENT, INC.
Monrovia, CA

NEW BUSINESS DEVELOPMENT, ESDC, 2000 TO 2001

Primary role to identify and develop new business areas for the R&D business unit, produce Intellectual Property documentation, and negotiate joint ventures with partner companies.

PRODUCT ENGINEERING MANAGER, 1998 TO 2000

Founded a product development group within a company which had previously been solely contract R&D. Involved shepherding the organization through significant cultural change while developing the systems and processes necessary to control product development and achieve ISO 9002 certification. Managed and directed the product development and sustaining engineering for all of the company's automotive and alternative energy products, as well as representing AeroVironment on several industry standards committees.

FUEL CELL LABORATORY MANAGER, 1997 TO 1998

Designed, set up and staffed a fuel cell laboratory for developing a novel closed-system Hydrogen/Oxygen fuel cell/electrolyzer energy storage for AeroVironment's high altitude solar aircraft, Helios. Worked with NASA sponsors and various aerospace subcontractors to develop and launch a multi-year development program.

PROJECT ENGINEER, MECHANICAL ENGINEERING GROUP HEAD 1992 TO 1997

Worked as a lead systems engineer in energy storage and electric and hybrid powertrain development for land vehicles, as well as developing computer simulations and control system architectures. Additional responsibilities include managing the Mechanical Engineering group, overseeing major projects and project budgets, system administration, and proposal writing.

ANDERSON CONSULTING
Cambridge, MA

CONSULTING ENGINEER, 1989 TO 1992

Worked independently for several companies including Massachusetts Eye and Ear Infirmary, Massachusetts General Hospital, and Engineering Dynamics Corporation as well as a subcontractor to Prof. Ernesto Blanco. Projects included corneal perfusion apparatus, designing electrodes for retinal implants, preparing models and court documents for patent litigation, redesigning the stair mechanism for the Bioclimber™ exercise machine, and designing carriers, switching stations, and a barcode reading system for a clinical laboratory blood sample conveyer.

PREMISE, INC.
Cambridge, MA

APPLICATIONS ENGINEER, 1988 TO 1991

Early employee for startup software company. Developed applications for CADD software package DesignView and helped write functional specifications for version 2.0.

MASSACHUSETTS EYE AND EAR INFIRMARY, HOWE LAB
Boston, MA

LAB TECHNICIAN, 1985 TO 1986

Responsibilities included care of 20 experimental rabbits, gathering of intraocular pressure measurements and anterior chamber fluid samples, and spectral analysis of fluid samples.

EDUCATION

STANFORD SCHOOL OF MEDICINE
Stanford, CA

DOCTOR OF MEDICINE, April 2006

During the course of research and clerkship education, scrubbed in as first assistant in over 200 laparoscopic and robotic surgeries. Clerkship experience includes general surgery with sub-internship, urology, neuro critical care, cardiology and radiology with additional special (procedure based) clerkships in interventional radiology and cardiac catheterization.

RESEARCH ASSISTANT, 2001 to 2006

Worked under a research grant from Ethicon Endo-Surgery to conduct research in minimally invasive surgical tools and techniques. Co-developed with Dr. Myriam Curet a version of the laparoscopic Roux-en-Y gastric bypass for the da Vinci Surgical System.

TEACHING ASSISTANT, 2003 to 2005

Teaching Assistant for entire Pathology Series (230A,B,C) and head TA for entire HHD series. Responsibilities included teaching review sections, coordinating other TAs, writing problem sets and developing new course material during curriculum reform.

UCLA (EXTENSION)
Los Angeles, CA

PREMEDICAL STUDIES, 1999 TO 2000

MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Cambridge, MA

MASTER OF SCIENCE, FEBRUARY 1992
MIT ARTIFICIAL INTELLIGENCE LABORATORY

Thesis title: "The Design of a Compact Actuator System for a Robotic Wrist/Hand", Dr. J. Kenneth Salisbury, advisor.

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING
FEBRUARY 1990

Thesis Title: "The Design of a High Torque Low Speed Generator Motor Pair for Human Powered Applications", Dr. Gill Pratt, advisor.

TEACHING ASSISTANT, 1990

Teaching and section instruction for the senior undergraduate design courses 2.70 and 2.73. Primary instructor for lab sections, and overall coordination of the student contest.

RESEARCH ASSISTANT, 1988, MIT BIOMECHANICS LABORATORY

Worked under Dr. Will Durfee to develop an experimental fluidic brake for orthotic knee braces.

RESEARCH ASSISTANT, 1987, MECHANICAL ENGINEERING DEPARTMENT

Worked under Dr. David Gordon Wilson to design and build a crank-driven generator light for a bicycle.

TEAM MEMBER AND RACE MECHANIC
1987 TO 1990, MIT SOLAR CAR TEAM

Was part of the team designing and building a series of solar powered racing cars for competition in Switzerland, Australia, and the United States. Acted as chief race mechanic for several international and domestic races and as alternate driver in the World Solar Challenge in Australia. Skills include composite mold making and body construction, advanced machining, tool grinding, NC machining, brazing, braze welding, arc welding, spoked wheel building, tire retreading and painting.

INVITED TALKS

GCMR (Georgia Center Medical Robotics) "AI and Global Surgical Education"	Atlanta, GA Feb 2020
COSECSA "Understanding how to Build an Effective Global Surgical Education Resource"	Kampala, Uganda Dec 2019
MTANZ "Global Medical Technology Innovation" address to parliament	Wellington, NZ Nov 2019
ABI Seminar "Careers in Medicine and Entrepreneurship" Seminar	Auckland, NZ Nov 2019
Ciudad de Las Ideas "Parent Teen communication"	Puebla, Mexico Nov 2019
Exponential Medicine "AI and Global Surgical Education"	San Diego, CA Nov 2019
Power To Fly "Surgery's past present and robotic future" Keynote + career panel	Sunnyvale, CA Oct 2019
TED/PMI "Global Surgical Education: Endless possibilities"	Shanghai, CHI Oct 2019
WiM (Women in MICCAI) "Being an Opportunist"	Shenzhen, CHI Oct 2019
MICCAI "Innovation in the Era of Value Based Healthcare" Keynote	Shenzhen, CHI Oct 2019
Iceland Future-Health Adventure "Challenges facing Global Surgical Education"	Reykjavik, Iceland Oct 2019
STS Forum "AI and Global Surgery"	Kyoto, Japan Oct 2019
TEDsummit Workshops "Impaired communication is the best communication"	Edinburgh, SC July 2019
TED/World Cyber Games "Giving Surgeons Superpowers"	Xi'an, CHI July 2019
Women in dV surgery "Many ways to be a doctor", Keynote	San Diego, CA June 2019
Aspen Ideas Heathcare "AI and the future of health care" moderated panel	Aspen, CO June 2019
e.g. "Parent teen communication"	Carmel, CA May 2019
Women in Health Tech "Many ways to be a doctor"	Auckland, NZ April 2019
Waitemata DHB CEO Lecture Series "Innovation in the Era of Value Based Healthcare"	Waitemata, NZ April 2019
Stanford ME328/571 Seminar "Innovation in the Era of Value Based Healthcare"	Stanford, CA Jan 2019
RBC DS Portfolio Management Conference "Innovation in the Era of Value Based Healthcare"	Toronto, CN Jan 2019
COINS "Innovation in the Era of Value Based Healthcare", keynote	Toky0, JP Dec 2018

University Buffalo "Patents, IP and Working with Industry" lecture series — Buffalo, NY Oct 2018
STS Forum "Robotics and Value Based Healthcare" — Osaka, Japan Oct 2018
NYT Magazine "Future of Humans", assembled panel — New York Sep 2018
Asian Healthcare Leadership Summit "Robotic Futures", panel — Singapore Sep 2018
Women in Thoracic Surgery Summit "Many ways to be a doctor" keynote — Atlanta, GA Sep 2018
Royal Australian College Surgeons "New Frontiers in Robotic Surgery" keynote — Sydney, AUS May 2018
e.g. Frontiers "Health Data" Convener — Carmel, CA May 2018
TED "How I became part sea urchin" — Vancouver, CAN Apr 2018
Society of Thoracic Surgeons "daVinci robotics" invited talk — Ft. Lauderdale, FL Jan 2018
Shanghai Asian Technology Forum "Intelligent Surgical Robots" — Shanghai, CHI Dec 2017
Exponential Medicine "Robots and Exponentials" — San Diego, CA Nov 2017
Medical Industry Innovation Institute "History of the daVinci", invited lecture — Tokyo, Japan Aug 2017
The Hamlyn Symposium on Medical Robotics invited lecture — London, England, Jun 2017
Founders Forum Healthtech 2017, panelist — London, England, Jun 2017
Commencement Speaker Basis School — San Jose, CA May 2017
Pickering Lectures Lecture Series — Auckland, Wellington, Christchurch, Dunedin NZ May 2017
World Government Summit 2017 UNESCO SDG3 workshop — Dubai, UAE, Feb 2017
Society of Robotic Surgery "New Robotic Interventions" — Miami, FL, Feb 2017
European MedTech Forum "Digital Surgeons: Evolving Paradigms" — Brussels, Belgium Dec 2016
New Horizons Talk, Kolikaben Hospital "New Horizons in Surgical Technology" keynote — Mumbai, India Nov 2016
MedTalk Panel Medical Innovations, panel — Auckland, NZ Nov 2016
Mountain View Highschool STEM week "Be an Opportunist", lecture — Mountain View, CA Oct 2016
Exponential Medicine "Future of Surgical Intervention", lecture — San Diego, CA Oct 2016
Surgical Robotics Seminar "Surgical Robots in Context", lecture — Stanford, CA Sep 2016
Medicine of the Future Summit "Future Technologies in Surgical Robotics", lecture — Hong Kong Aug 2016
Avison Biomedical Symposium, "Future Imaging Technologies" — Seoul, Korea May 2016
Innorobo 16' "Foresight – the Future of Medical Robotics", keynote — Paris, France May 2016
U Auckland Business School, Unleashing Potential Lecture Series, lecture — Auckland, NZ Apr 2016
Grow Wellington and Biz Dojo, Entrepreneurship Workshops — Wellington, NZ Apr 2016
NZ Health Symposium, "Science Innovation and Technology" keynote — Wellington, NZ Apr 2016
NZ Health Symposium, "Patients and Robots", panel — Wellington, NZ Apr 2016
EPPICON, Panel Moderator, Diagnostics, Devices and Surgical therapies — Burlingame, CA Mar 2016
Fosun Pharma Annual meeting, "Future of Surgical Robots", keynote — Shanghai, Jan 2016
Inaugural Asian Congress of Robotic Surgery, "Future Tech in Robotic Surgery" — Hong Kong, Dec 2015
IONS KOALA, "Moving out of the lab and into the real world", plenary address — Auckland, NZ, Nov 2015
Silicon Valley comes to the UK, Thinking Global when starting a business — London, England, Nov 2015
Silicon Valley comes to the UK, Scaling Up, keynote speaker — Cambridge, England, Nov 2015
INK Conference, "Rise of the Robots" — Mumbai, India Oct 2015
IIT Bombay FAN "Medical Robotics: Present and Future" — Santa Clara, CA Oct 2015
NZ Parliamentary Dinner "Rise of the Robots", Keynote speaker — Wellington, NZ Sep 2015
Thinking Digital, "Robots & The future of Surgery" — Newcastle, England, May 2015
Solve For X Workshop with Google, facilitator — London, England, Nov 2014
Women in Tech: Lessons from Silicon Valley, panelist — London, England, Nov 2014
Silicon Valley comes to the UK, "The World in 2034", keynote speaker — Cambridge, England, Nov 2014
Exponential Medicine, Future of Intervention and Entrepreneurship, faculty — San Diego, CA, Nov 2014
Aspen Institute, Washington Ideas Forum, featured speaker — Washington, DC, Oct 2014
Hood Fellowship tour, series of 5 academic talks as part of the fellowship — Auckland, NZ, Oct 2014
Royal Society New Zealand, invited lecture — Wanaka, NZ, Oct 2014
MIT SDM Conference on Systems Thinking, keynote speaker — Cambridge, MA, Oct 2014
IEEE Spectrum 50th Anniversary Celebration, keynote speaker — New York, NY Oct 2014
Health 2.0, "Frontiers of Medicine", panelist — Santa Clara, CA, Sep 2014
Rock Health, "Paging Dr. Droid", panelist — San Francisco, CA, Aug 2014
Aspen Ideas Festival, Spotlight: Health, panelist — Aspen, CO Jun 2014
Founders Forum Healthtech 2014, panelist — London, England, Jun 2014
InspireNZ Lecture Series — Auckland, Wellington, Christchurch, NZ May 2014
WIRED BizCon "Surgical Steel" — New York, NY May 2014
WIRED UK, WIRED Health summit — London, England, Apr 2014
USA Science and Engineering X-STEM Symposium — Washington, DC, Apr 2014
U.S. News STEM Solutions Conference, panelist — Washington, DC, Apr 2014

SXSW Healthcare Panel "Inviting robots into patient care"	Austin, TX, Mar 2014
NextMed/MMVR21, Keynote speaker	Manhattan Beach, CA, Feb 2014
World Government Summit 2014 "Between Prevention & Prescription" panelist	Dubai, UAE, Feb 2014
Carlmont High School Science seminar series, "The future of surgery"	Carlmont, CA, Feb 2014
PA Association of Women In Science, lecture "The Road Less Traveled"	Palo Alto, CA, Jan 2014
Silicon Valley Comes to Oxford "Master Class on Disruptive Technologies"	Oxford, England, Nov 2013
Oxford Union, Chamber debate	Oxford England, Nov 2013
Merritt College, Intro to Sustainability	Oakland, CA, Nov 2013
Chicago Ideas Week "Scientific Breakthroughs"	Chicago, IL, Oct 2013
IEEE Engineering in Medicine, Keynote	Osaka, Japan, Jul 2013
SparkLabs Innovation & The Future panel	Seoul, Korea, Jun 2013
Ewha Medical School, Invited Lecture	Seoul, Korea, Jun 2013
New Zealand Biotech Assoc "Surgical Robots as Platform for Tech Develop"	Wellington, NZ, May 2013
New Zealand Medical Students Conference keynote	Wellington, NZ, May 2013
Stanford Surgical Robotic Seminar "Augmenting the Surgeons Senses".	Stanford, CA, May 2013
TEDxUCSD "TED Vaccine Challenge"	San Diego, CA, May 2013
WiSE ONE.0 Conference, Keynote address	Berkley, CA, Feb 2013
Carnegie Mellon University Robotics Institute Seminar	Pittsburg, PA, Feb 2013
Stanford University, "Women's Perspectives in Engineering" Seminar	Palo Alto, CA, Jan 2013
Engineers Club of Dayton "Transforming the Future with Robotic Surgery"	Dayton, OH, Nov 2012
Frost and Sullivan Innovators of Silicon Valley Award, and panelist	San Jose, CA, Sep 2012
Fortune Magazine's BrainstormTECH, "Future of Medicine", panelist	Aspen, CO, Jul 2012
The Hamlyn Symposium on Medical Robotics	London, England, Jul 2012
Google's Zeitgeist Europe "Beyond Surgical Robotics"	Hertfordshire, England, May 2012
X-STEM USA Science & Engineering Festival	Washington, DC, Apr 2012
Stanford Seminar "Introduction to the Field of Surgical Robotics: Surgery"	Palo Alto, CA, Apr 2012
FutureMed "Interventions" Workshop, Singularity University	Silicon Valley CA, Feb 2012
NZ Trade Health Innovations, JPMorgan Healthcare Opening Remarks	San Francisco, CA, Jan, 2012
Atlantic Magazine's The Atlantic Meets the Pacific "The Robotics Revolution"	La Jolla, CA, Nov 2011
TEDMED2011 "Predicting the Future of Surgery"	San Diego, CA, Oct 2011
MedTech Frontiers "Augmenting the Surgeon's Senses"	Silicon Valley, CA, Oct 2011
Harvard Business School Alumni "Charting New Frontiers in Robotic Surgery"	Los Altos, CA, Oct 2011
Brookhaven Women in Science "From Surgeons to Superheroes",	Upton, NY, Apr 2011
SAGES "Fluorescence Imaging in Robotic Assisted Surgery"	San Antonio, TX, Mar 2011
Runninghot "From Surgeons to Superheroes"	Wellington, NZ, Nov 2010
LA IdeaProject "When geeks build green",	Los Angeles, CA, Oct 2010
MassTLC "Improving the Quality of Healthcare through Robotics"	Boston, MA, Oct 2010
Womensphere Global Summit "Women & Innovation"	New York, NY, Sep 2010
GE Whitney Symposium "Augmenting the Surgeons Senses"	Niskayuna, NY, Jun 2010
NZMSA "Outside the Box: taking the road less traveled"	Queenstown, NZ, May 2010
Image Guided Therapies Conference "Surgical Robotics, Future Technologies"	Toronto, Can, Apr 2010
TEDUniversity "When Geeks build Green"	Long Beach, CA, Feb 2010
Issues and Controversies in Prostate Cancer "New Technologies"	Las Vegas, NV Feb 2010
Ciudad de las Ideas "Robot Surgeons: Contemporary Heroes"	Puebla, Mexico, Nov 2009
MORGO "The Surgeon in the Digital Age"	Waitangi, New Zealand, Oct 2009
Victoria University "Surgical Robotics: Future Technologies"	Wellington, NZ, Aug 2009
Advances in Optics for Biotechnology, Medicine and Surgery XI "Robot Vision"	Burlington, VT, Jul 2009
International Space University "Surgical Robotics, Future Technologies"	Menlo Park, CA, Jul 2009
Seoul Digital Forum "Medical Robots: Dr. Digital"	Seoul, Korea, May 2009
TED (main stage) "Surgery's past, present and robotic future"	Long Beach, CA, Feb 2009
N. American Medical Dental Conf. "Surgical Robotics: History and Future"	Snowbird, UT, Dec 2008

AWARDS AND HONORS

Silicon Valley Business Journal Women of Influence	2020
Intuitive Surgical Presidential "Grit" Award	2017
IPENZ Pickering Lecture series 2017 named lecturer	2017
NEXT Magazine Woman of the year, Health and Sciences Category	2015
2014 "Flying Kiwi" New Zealand HiTech Hall of Fame	2014

World Class New Zealander	2014
Hood Fellowship 2014 University of Auckland Academic Visiting Fellowship	2014
Oxford Union Debate Member of Opposition Team (prevailing) Annual SVCO Debate	2013
USA Science and Engineering Festival One of the "Nifty Fifty" noted science mentors	2012
Frost and Sullivan "Innovators of Silicon Valley" Award	2012
Intuitive Surgical "Inventor of the Year" (shared)	2011
Intuitive Surgical "Agility Award"	2009
Institute for the Advancement of Engineering, Inducted as Fellow	2000
NASA Public Service Group Award. Centurion/Pathfinder Team, AeroVironment	1998
Sigma Xi, The Scientific Research Society. Elected to Full Membership	1992
MIT DeFlorez award, (Second Place) For excellence in design	1988
MIT Clapp and Poliak Award For excellence in undergraduate design and research	1987

ADVISORY AND BOARD POSITIONS

FINCA International, Washington, DC Member, Board of Directors	2020 to present
Shanghai Jiao Tong University Institute of Medical Robotics International External Advisory Board	2019 to present
Ministry of Business, Innovation and Employment Impact Panel Assessor, Endeavor Fund	2018 to present
Victoria University, Wellington, NZ External Advisory Board, Faculty of Health	2017 to present
O2-O2 (startup focused on clean air for urban environments) Advisory Board	2017 to present
Good Growth Capital VC Advisor and Limited Partner	2016 to present
WCNZ Network Beachhead Advisors Entrepreneur advisor	2015 to present
MedTech CoRE, NZ Industry Advisory Board	2015 to present
HiTech Awards, NZ International judge	2015 to present
World Class New Zealand Network, NZ Health Tech advisor/mentor	2014 to present
Accenture, Silicon Valley Technology Vision External Advisory Board	2014 to present
TelePro Health, UK (telemedicine startup) Scientific Advisory Board	2015 to 2018
Wellcome Trust "SurgeonX" project, UK Technology Advisor	2015 to 2017
Chinese University Hong Kong Stone Robotics Institute Advisory Committee	2016 to 2017
HealthInYourHands (UN SDG consortium looking at last mile delivery of healthcare) Advisor	2017
New Zealand Ministry of Health Performance Improvement Framework Advisor	2016
Better Place International Med tech advisor	2015
CERA (Canterbury Earthquake Recovery Authority), NZ Health Precinct Advisor	2014 to 2015
NCI Investor Forum, DC Reviewer	2013 to 2015
GAVI, Geneva TED Vaccine Challenge Working group	2013 to 2015
NeuralID (high tech startup), Member of Scientific Advisory Board	2013 to 2015
Google[x], Advisory participant in SolveFor[X]	2013 & 2014
Blue World Alliance (ocean focused charity), Member of the Board of Directors	2009 to 2013
World Economic Forum, NY The Future of Health Systems Workshop Participant	2012
Compact Imaging (high tech startup), Scientific Advisory Board	2009 to 2011
Association of Women Surgeons Chair med student committee, AWS council	2002 to 2006
American College of Surgeons Committee on Medical Student Education	2005
Stanford LCME accreditation review preparation committee	2005
Society of Automotive Engineers J1850 Standards committee	1997

PATENTS

10,600,510	Video content searches in a medical context	Mar 2020
10,588,703	Method and system for operating a teleoperated surgical instrument and a manual instrument	Mar 2020
10,398,520	Minimally invasive surgical system	Sept 2019
10,282,881	Rendering tool information as graphic overlays on displayed images of tools	May 2019
10,188,472	Medical robotic system with coupled control modes	Jan 2019
10,178,368	Stereo imaging system with automatic disparity adjustment for displaying close range objects	Jan 2019
10,137,575	Synthetic representation of a surgical robot	Nov 2018
10,028,791	Method and system for absolute three-dimensional measurements… twist-insensitive shape sensor	July 2018
10,008,017	Rendering tool information as graphic overlays on displayed images of tools	June 2018
9,980,630	Minimally invasive surgical system	May 2018
9,877,633	Efficient and interactive bleeding detection in a surgical system	Jan 2018
9,801,526	Minimally invasive surgical system	Oct 2017
9,789,608	Synthetic representation of a surgical robot	Oct 2017
9,724,169	Bracing of bundled medical devices for single port entry, robotically assisted medical procedures	Aug 2017
9,636,177	Medical device with orientable tip for robotically directed laser cutting and biomaterial application	May 2017

9,636,000	Retraction of tissue for single port entry, robotically assisted medical procedures	May 2017
9,492,240	Virtual measurement tool for minimally invasive surgery	Nov 2016
9,452,276	Catheter with removable vision probe	Sep 2016
9,402,690	Efficient 3-D telestration for local and remote robotic proctoring	Aug 2016
9,333,042	Medical robotic system with coupled control modes	May 2016
9,285,246	Method and system for absolute 3D measurements using… shape sensor	Mar 2016
9,216,061	Medical device with orientable tip for robotic. laser cutting and biomaterial app.	Dec 2015
9,155,592	Virtual Measurement tool for minimally invasive surgery	Oct 2015
9,060,678	Minimally invasive surgical system	Jun 2015
9,043,018	Medical device with orientable tip for robotic… laser cutting and biomaterial app	May 2015
8,830,224	Efficient 3-D telestration for local robotic proctoring	Sep 2014
8,803,955	Augmented stereoscopic visualization for a surgical robot using a … modified prism	Aug 2014
8,771,180	Retraction of tissue for single port entry, robotically assisted medical procedures	July 2014
8,740,885	Guide tube control of minimally invasive surgical instrument	Jun 2014
8,712,151	Method and structure for image local contrast enhancement	Apr 2014
8,706,184	Meth. and apparatus for displaying enhanced imaging data on a clinical image	Apr 2014
8,620,473	Medical robotic system with coupled control modes	Dec 2013
8,517,933	Retraction of tissue for single port entry, robotically asst. medical procedures	Aug 2013
8,228,368	Augmented stereoscopic visualization for a surgical …	Jul 2012
8,182,415	Minimally invasive surgical system	May 2012
8,169,468	Augmented stereoscopic visualization for a surgical robot	May 2012
8,167,793	Augmented stereoscopic visualization for a surgical robot using time duplexing	May 2012
8,029,516	Bracing of bundled medical devices for single port entry … medical procedures	Oct 2011
7,585,281	Vacuum-actuated tissue perforation device for establishing pneumoperitoneum	Sep 2009
7,507,209	Method for establishing pneumoperitoneum	Mar 2009
5,224,585	Carrier for coded containers	Jul 1993

BLOGS AND PUBLICATIONS

European Medical Journal "Appropriate Technology"	Dec 2014
JAMA Surgery, Letter to the Editor "Faulty analysis taints study of robotic-assisted MIRP"	Dec 2014
Forbes "Intuitive Surgical Exec: Here is why Robotic Surgery is Useful"	July 2014
AIF Blog "Driving Technological Innovation when you don't need to be in the driver's seat"	June 2014
USA Science and Engineering Festival: The Blog "Making it up as you go along"	April 2014
WIRED (with Tom Cheshire and Seth Berkeley) "Geocaching leads to vaccine reform"	Nov 2013
301 Monroe "When Geeks Build Green" Personal blog on sustainability	2011-2012
Freakonomics Blog "Is Robotic Surgery Cheaper?"	July 2010

ACADEMIC PUBLICATIONS

1. Taghizadeh F, Reiley C, **Mohr C**, Paul M. Evaluation of robotic-assisted platysmaplasty procedures in a cadaveric model using the da Vinci Surgical System. *J Robotic Surg* 2014 Mar 8(1) 63-71
2. Tsang RK, **Mohr C**. Lateral palatal flap approach to the nasopharynx and parapharyngeal space for transoral robotic surgery: a cadaveric study. *J Robotic Surg* 2013 Jun; 7(2):119-123
3. Ponnusamy K, Sorger JM, **Mohr C**. Nerve mapping for prostatectomies: novel technologies under development. *J Endourol* 2012 Jul;26(7):769-77
4. Ponnusamy K, **Mohr C**, Curet MJ. Clinical outcomes with robotic surgery. *Curr Probl Surg* 2011 Sep; 48(9):577-656
5. Ponnusamy K, **Mohr C**, Curet MJ. In brief. *Curr Probl Surg* 2011 Sep;48(9):577-656
6. Mantovani G, Liverneaux P, Garcia JC, Berner SH, Bednar MS, **Mohr CJ**. Endoscopic exploration and repair of brachial plexus with telerobotic manipulation: a cadaver trial. J Neurosurg. 2011 Apr 8.
7. Parent RJ, Plerhoples TA, Long EE, Zimmer DM, Teshome M, **Mohr CJ**, Ly DP, Hernandez-Bousard T, Curet MJ, Dutta S. Early, intermediate and late effects of a surgical "boot camp" on an objective structured assessment of technical skills: a randomized controlled study. *J Am Coll Surg* 2010 Jun;210(6):984-9
8. Ponnusamy K, Chewning S, **Mohr C**. Robotic approaches to the posterior spine. *Spine* 2009 Sep1;34(19):2104-9
9. **Mohr C**, Nadzam G, Alami R, Sanchez B, Curet M. Totally Robotic Laparoscopic Roux-en-Y Gastric Bypass: Results from 75 patients. *Obesity Surgery* 2006, June; 16(6):690-6
10. **Mohr C**, Nadzam G, Curet M. Totally Robotic Roux-en-Y Gastric Bypass. Archives of Surgery, 2005;140:779-786, presented at Pacific Coast Surgical Association Meeting, Feb 2005
11. Sanchez BR, **Mohr CJ**, Morton JM, Safadi BY, Alami RS, Curet MJ "Comparison of totally robotic laparoscopic Roux-en-Y gastric Bypass and traditional laparoscopic Roux-en-Y gastric bypass" *Surgery for Obesity and Related Diseases.* 2005; 1:549-554

12. **Mohr C**, Nezhat FR, Nezhat CH, Seidman DS, Nezhat CR. Fertillity considerations in laparoscopic treatment of infiltrative bowel endometriosis. *JSLS* 2005 Jan; 9 (1): 16-24.
13. SAE J2293-2 Energy Transfer System for Electric Vehicles -- Part 2: Communication Requirements and Network Architecture Application Appendix for Type C Architecture Systems. Society of Automotive Engineers Standard, November 1999.
14. **Anderson C**, Pettit E. The Effect of APU Characteristics on the Design of Hybrid Control Strategies for Hybrid Electric Vehicles. SAE Publication SP-1089 Design Innovations in Electric and Hybrid Electric Vehicles. SAE International Congress & Exposition, Detroit, MI, Feb 1995
15. **Anderson C**. Vehicular Applications for Hybrids of Near-Term Fuel Cells, Batteries and IC Engines. Proceedings of the International Conference on Fuel Cells, Long Beach, CA, February 1994.
16. F. Mitlitsky N.J. Colella, B. Myers, **C.J. Anderson** Regenerative Fuel Cells for High Altitude Long Endurance Solar Powered Vehicles, Proceedings of the IECEC Conference, Atlanta, GA, August, 1993.

PERSONAL

Married with one child. Interests include green building, native gardening, mountaineering, horseback riding, ceramic and wood sculpture, cello, SCUBA diving and travel. Citizen of New Zealand, US Resident Alien Status.