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Major Education

- 1979 Neurobiology, Marine Biology Laboratory, Woods Hole, MA and Brigham & Women' Hospital, Boston, MA
- 1980 B.S, cum laude, Experimental Psychology, minors in Chemistry and Physics, Tulane Scholar Program, Tulane University, New Orleans, LA
- 1984 M.D., Louisiana State University Medical Center, New Orleans, LA
- 1987 Computer Science, Harvard University, Cambridge, MA
- 1987 Medical Informatics, National Library of Medicine (NLM) Post-Doctoral Fellowship at Brigham & Women's Hospital, Boston, and Harvard University, Cambridge, MA

Major Certifications

- 1971 General Radiotelephone License, FCC
- 1973 Extra Class License, FCC
- 1974 Radar Endorsement, FCC
- 1984 License to Practice Medicine and Surgery
- 1990 Elected Fellow, American College of Medical Informatics (ACMI)

Major Professional Positions

- 1971–84 Offshore Communications Technician/Engineer, DataComm, the Offshore Telephone Company, Morgan City, LA
- 1980–84 Phlebotomist, Pathology Department, Touro Infirmary, New Orleans, LA
- 1985 Admitting/Pre-Surgical Workup, Chalmette General Hospital, Chalmette, LA
- 1985 High-Risk OB Triage, Ochsner Clinic, New Orleans, LA
- 1987–89 Application Specialist, Children's Hospital, Boston, MA
- 1989–94 Assistant Director, Decision Systems Group (DSG), Brigham and Women's Hospital, Boston, MA
- 1996–06 Director, Medical Informatics Laboratory, Massachusetts General Hospital (MGH) Dept. Anesthesia and Critical Care, Boston, MA
- 1996– President, Archetype Technologies, Inc., Brookline, MA
- 1998–99 Chief Scientist, Kurzweil Technologies, Inc., Waltham, MA
- 1998–00 Chief Scientist, Kurzweil Applied Intelligence, Inc., Waltham, MA
- 1999–03 Chief Scientist, Medical Learning Company, Inc., Wellesley, MA
- 2007–09 Acting Director, Clinical Investigation, MGH Institute for Healthcare Professions (MGH-IHP), Charlestown, MA
- 2004–20 Chief Scientist, Accella Learning Company/Boardpoint, LLC, Louisville, KY

Major Committee Chairs

- 1987 Mathematical Modeling & Simulation. Symposium on Computer Applications in Medical Care (SCAMC), Washington, DC

- 1990 Human-Computer Interfacing. SCAMC, Washington, DC
- 1996–98 McGraw-Hill Healthcare Symposium Series
- 2003 Healthcare Information Management Systems Society (HIMSS) Conference: Innovative Informatics for Reducing Medical Errors, Cambridge, MA
- 2019– Board of Directors, International Morse Preservation Society

Major Editorial Boards

- 1988–93 MD Computing, Springer-Verlag
- 1988–98 Medical Devices and Software, Waverly Press
- 1989–07 ARRL Handbook, American Radio Relay League
- 1995–03 Founding Editor-in-Chief, e.MD, McGraw-Hill
- 1995–00 Physicians Home Page, Silver Platter Publishers
- 1997–08 Postgraduate Med, McGraw-Hill
- 1998–00 Advance for Health Information Executives, Merion Pub.
- 1999–10 Healthcare Informatics, McGraw-Hill
- 2000–04 Perspectives in Biology & Medicine, Johns Hopkins University Publications
- 2001–05 Medical Software Reviews
- 2003–05 WebMD/Medscape Tech Med
- 2012–13 Robotics Business Review
- 2007– Editor in Chief, Servo Magazine, T&L Publications
- 2007– Editor in Chief, Nuts & Volts Magazine, T&L Publications
- 2019– Editor, Keynote, Newsletter of the International Morse Preservation Society

Major Grant Support

- 1988–94 Principal Investigator (PI), "Computer simulation in clinical medicine", National Library of Medicine/Department of Health and Human Services (DHHS). Desktop based graphical patient cases for physician.
- 1991–93 Co-investigator, "Knowledge management in medicine", NLM. Hypertext engine development, language parsers, novel user interfaces.
- 1993–94 PI, Radiology self-evaluation workstation, American Board of Radiology. Multimedia, machine learning, and physician teaching.
- 1993–94 PI, Recertification workstation, American Board of Family Practitioners. Multimedia, simulation, and machine learning.
- 1997 PI, Medical record quality assurance system, Small Business Innovation Research(SBIR)/Agency for Healthcare Research & Quality (AHRQ). AI and pattern matching, integration with HL7.
- 2005–06 PI, Adaptive Nuclear, Biological and Chemical Multimedia Collaboratory. Telemedicine & Advanced Technology Research Center (TATRC)/US Army Medical Research and Materiel Command (USAMRMC). Content author, AI system development, networked streaming media.
- 2007–08 PI, Knowledge Warehouse Infrastructure for Standards-Based Intelligent Tutoring, TATRC
- 2007–09 Consultant, Simulation-based Planning and Training Tool for Infectious Disease Outbreak, National Institutes of Health (NIH)
- 2008–09 Consultant, Cyber Insider Threat Reduction, SBIR
- 2010–13 PI, Standards-Based Intelligent Tutoring, TATRC/USAMRMC Phase III
- 2011–13 PI, Development of HeartLander as an Epicardial Injection Delivery System. NIH/National Institute of Biomedical Imaging and Bioengineering (NIBIB) SBIR Phase I
- 2012–13 Senior Medical Consultant, Precise Minimally Invasive Treatment of VT Using Non-invasive Mapping. NIH/NIBIB SBIR Phase I

- 2013–16 PI, Standards-Based Intelligent Tutoring: Electronic Competency Record Build-Out and Evaluation, USAMRMC
- 2014–16 Program Advisor, Advanced Modular Manikin, USAMRMC/MGH/Center for Integration of Medicine and Innovative Technology (CIMIT)
- 2013–20 Senior Medical Consultant, Physiologically Accurate Community-based platform for Training Systems (PhACTS/BioGears), USAMRMC/Applied Research Associates, Inc.

Non-Provisional Patents

- 6,747,672 Haakonsen K, Bergeron BP, Tarschansky S, Kurzweil R. Virtual Patient Hot Spots. *Medical Simulation*. (Issued 6/8/04)
- 6,692,258 Kurzweil K, Bergeron BP, Haakonsen K. Patient Simulator. *Medical Simulation*. (Issued 2/17/04)
- 7,386,432 Haakonsen K, Tarschansky S, Bergeron BP, Kurzweil R. Web Simulator. *Medical Simulation*. (Issued 6/10/08)
- 7,777,763 Haakonsen K, Bergeron BP, Tarschansky S, Kurzweil R. Morphing Patient Features. *Media for Medical Simulation*. (Issued 8/17/10)
- 8,239,047 Bergeron BP. Indirect Control of Processor Enabled Devices. *Augmented Reality*. (Issued 8/7/12)
- 8,356,997 Bergeron BP. Intelligent Tutoring System. *Intelligent tutoring*. (Issued 1/22/13)
- 8,666,519 Bergeron BP. Indirect Control of Processor Enabled Devices, Continuation. *Augmented Reality*. (Issued 3/4/14)
- 8,684,747 Bergeron BP. Intelligent Tutoring System, Continuation (Issued 4/1/14)
- 9,067,132 Bergeron BP. Indirect Control of Processor Enabled Devices, Continuation. *Augmented Reality*. (Issued 6/30/15)
- 9,230,450 Bergeron BP. Distributed Adaptive Simulator. *Augmented Reality*. (Issued 1/5/16)
- 9,542,853 Bergeron BP. Instruction Based on Competency Assessment and Prediction. *Intelligent Tutoring*. (Issued 1/10/17)

Teaching Experience: Tutorials and Invited Lectures

- 1987 Simulation and clinical skills acquisition. Beth Israel Hospital, Boston, MA
Education through computer-assisted experiences. MacWorld Expo, Boston, MA
Simulated patient encounters: process vs. outcomes. Center for Clinical Computing, Boston, MA
- 1988 Simulation techniques for medical educators. SCAMC, Washington, DC
The clinical workstation. Children's Hospital, Boston, MA
Simulated learning environments in medical education. MacWorld Expo, San Francisco, CA
- 1989 Mathematical modeling of complex biological systems. American Association for Medical Systems and Informatics Congress. San Francisco, CA
Data dictionary design issues. Children's Hospital, Boston, MA
Managing courseware development. SCAMC, Washington, DC
Computer-assisted competency assessment: computer-based tools. National Board of Medical Examiners, Philadelphia, PA
- 1990 Interactive multimodal courseware design. American Association for Medical Systems and Informatics Congress, Salt Lake City, UT
Data visualization techniques. Harvard University, Cambridge, MA

- Simulation techniques for medical educators. SCAMC, Washington, DC
 Clinical database design issues. Boston University, Boston, MA
 Courseware development for medical educators. Harvard Medical School (HMS), Boston, MA
- 1991 Medical informatics: an overview. Harvard University, Cambridge, MA
 The clinical workstation. SCAMC, Washington DC
 Medical informatics: data analysis. Boston University, Boston, MA
 Courseware options for course directors. Harvard - MIT Health Sciences and Technology, Boston, MA
- 1992 Medical informatics. Boston University, Boston, MA
 Networking and data sharing. Harvard - MIT Health Sciences and Technology, Boston, MA
- 1993 Medical informatics. Boston University, Boston, MA
 Managing software development. Harvard - MIT Health Sciences and Technology, Boston, MA
- 1994 Computer-based knowledge resources for CAI. Soc Acad Emergency Med, Washington, DC
 Integrating and managing sound in multimedia courseware for problem-based teaching. Workshop on Interactive Multimedia Technology, Salt Lake City, UT
 Courseware development and design. Harvard - MIT Health Sciences and Technology, Boston, MA
- 1995 Biomedical imaging. SCAMC, Washington, DC
 Physician competency assessment. Harvard Business School (HBS), Cambridge, MA
- 1996 Marketing medical software. American Medical Informatics Association (AMIA), Washington, DC
- 1997 Intellectual property and electronic publishing. Ed-Media & Ed-Telecom 97, Calgary, Canada
 Voice recognition. Interstate Postgraduate Medical Association, Minneapolis, MN
 Software marketing. AMIA, Nashville, TN
 Practical informatics for primary care physicians. Core Curriculum Committee, Dedham, MA
- 1998 Intellectual property and Electronic Media. American Society of Anesthesiologists (ASA), Orlando, FL
 Voice recognition for clinicians. Winchester Hospital, Winchester, MA
 The web and medical record systems. Winchester Hospital, Winchester, MA
- 1999 Leveraging the Web for practical anesthesia practice, HMS Anesthesia Review, Boston, MA
 Innovation in medical technology. Harvard - MIT Health Sciences and Technology, Boston, MA
- 2000 Chairman, Tutorial session. Health Care Informatics Expo and Conference, Chicago, IL
 Keynote: Current Computer Technology in Primary Care. 21st Annual Primary Care Review, University of Louisville, Louisville, KY
 Technology trends in the healthcare industry. Harvard - MIT Health Sciences and Technology, Boston, MA

- Self-health tools in 1, 5, 10 and 50 years. Future of Health Technology Summit 2000, MIT Media Lab, Cambridge, MA
- 2001 Keynote: Technology Developments in Health Care. Association of Departments of Family Medicine. Palm Springs, CA
 The Economics of Healthcare. Harvard - MIT Health Sciences and Technology, Boston, MA
 E-Loyalty: Business Week Boardroom Briefings Club. Singapore
 The Eternal E-Customer: Building Customer Loyalty in the Digital Era. Business Week Asia CEO Forum. Kuala Lumpur, Singapore, Seoul, South Korea and Hong Kong
 Keynote: Winning customer's loyalty in today's economy. Customer Contact World Asia. Singapore
 CRM-International Experts Debate Asia's Future. Customer Contact World Asia, Singapore
 Tools: Voice Recognition, Handhelds – The Works. Health Care Informatics Expo and Conference, Chicago, IL
 Keynote: Customer Contact World Africa, Johannesburg
 The Wireless Web. Business Week North Asia. Taipei, Taiwan, Shanghai and Seoul
 The Eternal E-Customer. Business Week and Pacific Century Cyberworks. Hong Kong
 Keynote: Winning customer loyalty in today's economy: The basics of relationship building. Customer Contact World Mexico 2001. Mexico City
- 2002 Wireless and the Future of Healthcare. Health Care Informatics Expo and Conf, Chicago, IL
 Medical Simulation in Psychiatry. GSK National Advisory Board Meeting, Aspen, CO
 Process, People and Enabling Technologies: Cornerstones of Modern Healthcare. Harvard - MIT Health Sciences and Technology, Boston, MA
 Untethered Medicine. Harvard - MIT Health Sciences and Technology, Boston, MA
 Business Expectations: Leveraging Technology to the Bottom Line. Business Week. Taipei, Taiwan, Singapore, Bangkok, Thailand, Hong Kong, Mumbai and Kuala Lumpur
 Work Your Marriage: Developing an Enterprise Strategy for Business Intelligence. The Third Annual Customer Relationship Management Asian Executive Summit. Singapore
 Keynote: CRM Outlook 2002. The Third Annual Customer Relationship Management Asian Executive Summit. Singapore
- 2003 Biopharmaceuticals. Harvard - MIT Health Sciences and Technology, Boston, MA
 Emerging Technologies. Harvard - MIT Health Sciences and Technology, Boston, MA
 Innovative Informatics for Reducing Medical Errors. Keynote, HIMSS Conference. Boston, MA
 Physician Quality of Life: The Role of Technology. American College of Obstetrics and Gynecologists. New Orleans, LA
 Using Technology to Improve Your Quality of Clinical Life. American Academy of Physician Assistants. New Orleans, LA
 Knowledge Management: Maintaining Corporate Competitiveness and Synergy. Business Week. Hong Kong
 Training teachers, teaching and technology. Multidisciplinary Academy of Clinical Education. Boston, MA
 Knowledge Management. Business Week. Bangkok
 On the Horizon: Unleashing the Transformative Power of Technology. Business Week. Singapore
- 2004 The Biotech Boom: Has it Passed the U.S. By? Massachusetts Biotechnology Council Annual Meeting. Cambridge, MA

- The Future of Medical Practice. American College of Physicians Annual Meeting. New Orleans, LA
- Military Biotech. Harvard - MIT Health Sciences and Technology, Boston, MA
- Application of Wireless in Healthcare. Harvard - MIT Health Sciences and Technology, Boston, MA
- Business Ethics. Harvard - MIT Health Sciences and Technology, Boston, MA
- Life Sciences Sector in Asia: Current Landscape and Possible Futures, Brookings Institution. Washington, DC
- Biosecurity in a Regional Context: South and East Asia, Brookings Institution. Washington, DC
- Performance Management. KFSH&RC, Riyadh, Saudi Arabia
- 2005 Statistics for Performance Management. KFSH&RC, Riyadh, Saudi Arabia
- Chemical, Biological and Nuclear Multimedia Collaboratory. The White House, Washington, DC
- Performance Management. Harvard - MIT Health Sciences and Technology, Boston, MA
- Game Design for Knowledge, Skills and Attitude Transfer. Workshop on Designing Compelling Medical Games. Stanford University, Stanford, CA
- Authoring Tools for Game Design. Workshop on Designing Compelling Medical Games. Stanford University, Stanford, CA
- Career Options in Healthcare Informatics. National Guard Hospital, Riyadh, Saudi Arabia
- 2006 Augmented Assessment for Augmented Reality. Medicine Meets Virtual Reality. Long Beach, CA
- Developing Serious Medical Games Workshop. Medicine Meets Virtual Reality. Long Beach, CA
- Data Warehousing & Business Intelligence for Health Care. Webinar. KFSH&RC, Riyadh, Saudi Arabia
- Emerging Technologies in Healthcare. Saudi eHealth Conference. Riyadh, Saudi Arabia
- Interdependent Man-Machine Problem Solving in Serious Games. International Conference on Complex Systems. Quincy, MA
- Entertainment Technologies & Medical Education. Medical Modeling & Simulation Program, 2006 Advanced Technology Applications for Combat Casualty Care, St. Pete, FL
- 2007 Biomimetics, Robotics and Embedded Systems. Harvard - MIT Health Sciences and Technology, Boston, MA
- Robotics Workshop. Medicine Meets Virtual Reality. Long Beach, CA
- Fitness functions and innovation. Harvard - MIT Health Sciences and Technology, Boston, MA
- Virtual Interactive Environments: Real-World Interfaces. 7th Annual International Meeting on Simulation in Healthcare. Orlando, FL
- Neural Network Co-Chair, IEEE International Symposium on Computational Intelligence in Robotics and Automation (CIRA). Jacksonville, FL
- 2008 Intellectual Property Protection. Harvard - MIT Health Sciences and Technology, Boston, MA
- Emerging technologies in healthcare. Saudi eHealth Conference, Riyadh, Saudi Arabia
- Educational Effectiveness of Serious Games, Medicine Meets Virtual Reality, Long Beach, CA
- Future of Simulation. CIMIT Forum, Boston, MA
- Serious Games and Health Improvement Panel. Summit on Behavioral Telehealth, Boston, MA
- Gaming, Simulation & Social Media in Behavioral Health & Disease Management Workshop. Summit on Behavioral Telehealth, HMS, Boston, MA

- 2009 Future of Medical Practice. Harvard - MIT Health Sciences and Technology, Boston, MA
 Projection of Medical Domain Requirements in 2045 and Beyond and What We Need to Get There. Air Force Medical Services Advanced Research Futures Conference. Stinson Airfield, San Antonio, TX
 Innovation Simulation. China Institute and Center for Medical Simulation, Cambridge, MA
 Pay for Performance: The Physician's Perspective. HIMSS Middle East '09. Muscat, Oman
- 2010 Medical Technology Startup Business Simulation. Harvard - MIT Health Sciences and Technology, Boston, MA
 Innovation in Healthcare. Saudi eHealth Conference, Riyadh, Saudi Arabia
 Innovation, IP and Capitalization. Harvard - MIT Health Sciences and Technology, Boston, MA
- 2011 Medical Technology Startup Business Simulation. Harvard - MIT Health Sciences and Technology, Boston, MA
 Composite Databases: Opportunities and Challenges. Div Clinical Informatics, BI-Deaconess Medical Center, Boston, MA
 An Adaptive Signal Processing Approach to Online Adaptive Tutoring, Medicine Meets Virtual Reality, Long Beach, CA
 Technology Adoption. Saudi eHealth Conference, Riyadh, Saudi Arabia
 Technology in Medical Education: Present and Future, Georgia Health Sciences University (two day solo seminar), Augusta, GA
- 2012 Distributed Adaptive Simulation Through Standards-Based Integration of Simulators and Adaptive Learning Systems, Medicine Meets Virtual Reality, Long Beach, CA
 Technical and Organizational Requirements for the Implementation of Adaptive Learning: A Case Study In Collaboration. With Graham, T, and R Dworkin, Medicine Meets Virtual Reality, Long Beach, CA
 Medical Technology Startup Business Simulation. Harvard - MIT Health Sciences and Technology, Boston, MA
 Public Health Informatics and Translational Informatics: From Molecules to Populations, Saudi eHealth Conference, Riyadh, Saudi Arabia
 On-Demand Adaptive First Responder Training: Value Assessment, ATACCC/Military Health System Research Symposium (MHSRS), Ft. Lauderdale, FL
- 2013 Microcontrollers and Medical Simulation: How to Use Affordable, Readily Available Microcontroller Hardware and Software to Create Medical Simulators. With Talbot, T and Gracey, K. Medicine Meets Virtual Reality, San Diego, CA
- 2014 Modular Simulator Building Blocks: Physiologic Signaling Requirements. Medicine Meets Virtual Reality, Manhattan Beach, CA
 Application of Learning Record Stores and Other Forms of Electronic Competency Records in Modeling Competency Degradation. Medicine Meets Virtual Reality, Manhattan Beach, CA
 The Confluence of Experiential Databases, MOOCs and The Internet of Things: Promise for Medical Simulation Developers. Medicine Meets Virtual Reality, Manhattan Beach, CA
 3D Printing for Rapid Prototyping. Medicine Meets Virtual Reality, Manhattan Beach, CA
 Top Healthcare Industry Challenges and How Technology Can Help. MIT-Sloan, Cambridge, MA
- 2015 Medical technology startup business simulation. MIT-Sloan, Cambridge, MA

- Self-learning medical simulation. BioGears Conference. North Carolina Biotechnology Center, Research Triangle Park, Raleigh/Durham, NC
- Integrating BioGears real time physiology with an advanced modular mannequin. BioGears Conference. North Carolina Biotechnology Center, Research Triangle Park, Raleigh/Durham, NC
- 2017 Comparison of Augmented Reality, Intelligent Tutoring Systems, Computer Based Training and Didactic Training and Evaluation of Retinopathy-Based Diagnosis. 2017 ATACCC/Military Health System Research Symposium (MHSRS), Kissimmee, FL
- 2018 Medical Technology: A Historical Perspective. Harvard Medical School STEM Program, Boston, MA

Teaching Experience: Courses

- 1986-89 Cardiovascular Pathophysiology (HST 090), Pulmonary Pathophysiology (HST 100) and numerous workshops on Courseware Development for Medical Faculty. HMS/MIT, Boston and Cambridge, MA
- 1998-15 Enabling Technology Innovation in Healthcare and the Life Sciences (HST 921/923). HMS/MIT-Sloan, Boston and Cambridge, MA

Bibliography: Original Reports

- 1988 HeartLab: a multi-mode simulation for teaching cardiac auscultation. *Simulation*. 1988; 50(2); 50-60.
- Toward more effective learning environments: strategies for computer simulation design. *Collegiate Microcomputer*. 1988; 6(2); 289-309.
- Physician meets computer: a graphic format is easier to use. *Computer News for Physicians*. 1988; 78(11); 24-32.
- 1989 Providing clinical experience through computer simulation. *Journal of Medical Practice Management*. 1989; 4(4); 288-93.
- Bergeron BP, Greenes RA. Skill-building simulations in cardiology: HeartLab and EKGLab. *Computer Methods and Programs in Biomedicine*. 1989; 30 (2/3); 111-26.
- 1990 Microcomputer-based DSP. *Collegiate Microcomputer*. 1990; 7(4); 339-64.
- Program instrumentation: a technique for evaluating educational software. *Collegiate Microcomputer*. 1990; 8(1); 34-46.
- Using a spreadsheet metaphor to visualize neural network behavior. *Collegiate Microcomputer*. 1990; 8(2); 81-92.
- Using an integrated induction system to detect student misconceptions in computer-based tutoring systems. *Collegiate Microcomputer*. 1990; 8(3); 161-70.
- Using an intraural microphone for improved speech recognition. *Collegiate Microcomputer*. 1990; 8(3); 231-9.
- Bergeron BP, Fallon JT, Morse AN, Rouse RL. Using a gaming approach to maximize student interaction in computer-based instruction. *Collegiate Microcomputer*. 1990; 8(4); 293-300.
- Locke S, Bergeron BP. The Soviet-American Exchange Program. *MD Computing*. 1990;7(4):198-9.
- 1991 The effects of stereophonic priming on the development of auscultatory pattern recognition skills. *Collegiate Microcomputer*. 1991; 9(1); 25-35.

- Challenges associated with providing speech recognition user interfaces for computer-based educational systems. *Collegiate Microcomputer*. 1991; 9(3); 129-43.
- Bergeron BP, McClure RC, Dichter MS, Rouse RL. Repurposing: a fundamental factor in the development of multimedia applications. *Collegiate Microcomputer*. 1991; 9(2); 123-8.
- A computer-based signal monitoring system for the physiology laboratory. *Collegiate Microcomputer*. 1991; 9(2); 82-92.
- 1993 Pulmonary Pathophysiology: A Multimedia Case-Based Approach. *Journal of Medical Education Technology*. 1993; 4(2); 4-10.
- 1994 Bergeron BP, Sato L, Rouse RG. Morphing as a means of generating variability in visual medical teaching materials. *Computers in Biology and Medicine* 1994; 24:11-8.
- Personalized data representation: Supporting the individual needs of knowledge workers. *Journal of Educational Multimedia and Hypermedia*. 1994; 3(1); 93-109.
- Bergeron BP, Shiffman RS, Rouse RL. Data qualification: logic analysis applied toward neural network training. *Comput Biol Med*; 1994; 24(2); 157-64.
- Bergeron BP, Rouse RL. ImageView: a high-level authoring tool for repurposing multimedia content. *Journal of Education Computer Research*. 1994; 11(4); 385-96.
- 1995 A guide to blister management. *Physician & Sportsmedicine* 1995; 23(2); 37-46.
- Voice recognition and the technical writer. *Intercom*; 1996; 43(4); 9-11.
- 1996 Competency as a Paradigm for Technology-Enabled Instruction and Evaluation. *Journal of Instructional Delivery Systems*; 1996; 10(2); 22-4.
- Bergeron BP, Obeid J, Sato L, Rouse RL. Temporal issues in the design of virtual learning environments. *Journal of Educational Multimedia and Hypermedia*; 1996; 4(2/3); 127-46.
- Bergeron BP, Sato L, Obeid J, Rouse RL. Connectionist modeling as the basis for multimedia clinical patient simulations with diagnostic capabilities. *Journal of Educational Multimedia and Hypermedia*; 1996; 4(2/3); 257-70.
- Bergeron BP, Bailin MT. Collaborative hypermedia development: considerations for academic publishing. *Journal of Educational Multimedia and Hypermedia*; 1996; 5(2); 101-12.
- Bergeron BP, McClay J. Voice recognition: Current status as an enabling tool for clinical data capture. *Journal of Healthcare Information Management*; 1996; 10(3); 67-72.
- Voice recognition and the practice of clinical medicine. *eMD*; 1996; 1(1); 40-1.
- 1997 Bergeron BP, Bailin MT. The Contribution of HyperMedia Link Authoring and Editing. *Technical Communications*; 1997; 44(2); 121-8.
- Bergeron BP, Bailin MT, Bergeron RA. The electronic medical record: a potential to increase patient participation in the healthcare process. *Journal of Medical Practice Management*. 1997; 13(1); 38-44.
- Bergeron BP, Bailin MT. Managing the complexities of hypermedia development: challenges for online digital publishing. *Journal of Educational Multimedia and Hypermedia*; 1997; 6(3/4), 413-24.
- Using the Web to improve patient care. *Advance for Health Information Executives*. 1997; Sept; 35.
- A physician's perspective on technology-based medical education. *Advance for Health Information Executives*. 1997; 1(3); 35.
- Voice recognition – it's finally arrived! *Postgraduate Medicine*. 1997; 102(5); 39-45.

- 1998 Bergeron BP, Bailin MT, Staneck K, Bergeron RA. Electronic medical records: information technology as a change agent. *Journal of Medical Practice Management*. 1998; 13(5); 247-51.
- Medical information technology: what can we expect in the next millennium? *Postgraduate Medicine*. 1998; 103(1); 13-5.
- Taming time with technology. *Postgraduate Medicine*. 1998; 103(1); 33-40.
- The digital camera. *Postgraduate Medicine*. 1998; 103(2); 31-4.
- Electronic publishing can bring your work to life: augmenting content with multimedia highlights and links. *Postgraduate Medicine*. 1998; 104(3); 27-30.
- Optical character recognition. *Postgraduate Medicine*. 1998; 103(3); 37-9.
- Technology-enabled education. *Postgraduate Medicine*. 1998; 103(5); 31-4.
- Can electronic medical records really achieve information sharing? *Postgraduate Medicine*. 1998; 104(1); 25-7.
- Personal digital assistants: another step toward ubiquitous computing. *Postgraduate Medicine*. 1998; 103(6); 29-31.
- Enterprises using 'smart cards' might have a winning hand. *Postgraduate Medicine*. 1998; 104(4); 31-3.
- Remember your office at gift-giving time: it won't hurt if selections are tax-deductible. *Postgraduate Medicine*. 1998; 104(8); 15-21.
- The effects of technology on the oral and written traditions of Medicine. *Perspectives in Biology and Medicine*. 1998; 41(4); 572-8.
- Continuous voice recognition. *Intercom*; 1998; 45(5); 30-2.
- Optical mark recognition: tallying information from filled-in 'bubbles'. *Postgraduate Medicine*. 1998; 104(2); 23-5.
- Telepresence and the practice of medicine. *Postgraduate Medicine*. 1998; 103(4); 37-42.
- Physician productivity evaluated. *Advance for Health Information Executives*. 1998; 2(5); 51-4.
- Serving physician information needs. *Advance for Health Information Executives*. 1998; 2(7); 20-8.
- Bergeron BP, Bergeron RA. The return on investment for information technology. *Journal of Medical Practice Management*. 1998; 14(1); 43-50.
- The technological underpinnings of a modern clinical practice. *Journal of Medical Practice Management*. 1998; 14(2); 51-8.
- Bergeron BP. Guarding your intellectual property: how to protect your rights in a digital age. *Physicians & Computers*. 1998; Oct; 30-5.
- The case for physician input: physicians have simple goals when it comes to technology. *Healthcare Informatics*. 1998; 15(5); 144.
- Pilot studies: what information and at what cost? *Physicians & Computers*. 1998; 15(10); 22-8.
- Is it time to learn more about wireless computing? *Postgraduate Medicine*. 1998; 104(5); 39-43.
- CME: the killer application for medical computing? *e.MD*. 1998; 2(4); 28.
- The evolving role of knowledge management in medicine. *British Journal of Knowledge Management*. 1998; 1(6).
- Standardizing the desktop environment. *Advance for Health Information Executives*. 1998; (2)11; 74-8.
- Alger R, Berkowitz LL, Bergeron BP, Buskett D. Computer networking in an ambulatory health care setting. *Journal of Medical Practice Management*. 1999; (May-June); 303-7.
- The future of the web in health care. *Advance for Health Information Executives*. 1998; (2)12; 30-8.

- 1999
- How to safeguard your clinical data: security systems against crashes, thieves and hackers. *Postgraduate Medicine*. 1999; 105(1); 27-9.
- Are the hinges on your 'electronic closet' ready to burst? *Postgraduate Medicine*. 1999; 105(2); 21-2.
- The cost of being first. *Postgraduate Medicine*. 1999; 105(3);23-4.
- Bergeron BP, Bailin MT. Medical information technology: a vehicle for change. *International Journal of Technology Management, Special Issue*. 1999; 1(1/2); 29-45.
- How to detect vaporware. *Advance for Health Information Executives*. 1999; 3(5); 34-8.
- You and your vendor. *Postgraduate Medicine*. 1999; 105(4); 31-4.
- Creating a computer network in your small practice. *Postgraduate Medicine*. 1999; 106(3); 43-6.
- Creating your own medical web site. *Postgraduate Medicine*. 1999; 106(1); 17-21.
- The RFP: a keystone in your change agent strategy. *Advance for Health Information Executives*. 1999; 3(3); 64-70.
- Ten things you can do now to safeguard patient information. *Advance for Health Information Executives*. 1999; 3(4); 67-72.
- Considering a digital video camera? *Postgraduate Medicine*. 1999; 106(5); 33-4.
- What you'll need to give all-electronic presentations. *Postgraduate Medicine*. 1999; 106(2); 21-8.
- TimeSlicing: Executive time management. *Advance for Health Information Executives*. 1999; 3(8);14.
- Don't get buried under email. *Advance for Health Information Executives*. 1999; 3(10); 16.
- Avoiding personal data loss. *Journal of Medical Practice Management*. 1999; 15(3); 157-9.
- Reclaiming your desktop space. *Postgraduate Medicine*. 1999; 105(5); 29-30.
- Is Y2K really such a big problem? *Postgraduate Medicine*. 1999; 105(6); 29-30.
- What technology has brought to the telephone. *Postgraduate Medicine*. 1999; 106(4);29-32.
- CME online: access and bandwidth pay off big. *Healthcare Informatics*. 1999; 16(9);46.
- Tele-Proctoring: an automated approach to secure tele-testing. *International Journal of Educational Telecommunications*. 1999.
- E-prescribing: coming of age. *e.MD*. 1999; Fall; 36-7.
- Where to find practical patient education materials. *Postgraduate Medicine*. 1999; 106(6);35-8.
- 2000
- Email: a realistic conduit for doctor-patient communications? *Journal of Medical Practice Management*. 2000; 15(4); 208-10.
- Need more power in your communication technology? *Postgraduate Medicine*. 2000; 107(2);35-8
- Weaving your own medical web site. *MD Net Guide*. 2000; 2(7); 22-5.
- It may be fast but is it safe?: Ways to protect your DSL system from hackers. *Postgraduate Medicine*. 2000; 108(1); 31-2.
- Voice recognition: Process versus technology. *Journal of Medical Practice Management*. 2001; (16)4; 213-6.
- High-speed connectivity. *Journal of Medical Practice Management*. 2000; 15(6); 299-303.
- Pen Computing. *Journal of Medical Practice Management*. 2000; 16(3); 148-50.
- Hot technologies for 2000 and beyond. *Advance for Health Information Executives*. 2000; 4(2); 28-32.
- Get in with the e-crowd: e-mail can serve your practice if kept in check. *Postgraduate Medicine*. 2000; 107(7); 31-4.
- To err is inevitable – human or otherwise. *E.MD*. 2000; Spring; 5.
- Hoping to educate you about their products, pharmaceutical giants are willing to pay handsomely for web site banner ads. *E.MD*. 2000; Spring; 50.

- Getting your hands on decision-support tools. *Postgraduate Medicine*. 2000; 107(1); 27-30.
- Medical implications of non-lethal electronic prisoner control devices. *Correctional Health Care Report*. 2000; 1(5); 65-77.
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Hardware Design/Products

- 2008 Mannequin-Based Patient Simulator. Cardiac and Pulmonic Simulator for HMS, Boston, MA.
- 2011 Augmented Reality Radiation Detection System for National Center for Deterrence of Biowarfare and Bioterrorism, University of Louisville, Louisville, KY.
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Interviews

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- 2011 Video Games as Medical Education Tools. AAMC Reporter. June, 2011.
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Other Publications

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 Get Organized: Time Management For Personal Trainers. Personal Fitness Prof. 2000. 2(2); 34.
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Other Activities

- 2017-20 Judge, MIT State Science and Engineering Fair - Medicine

Expert Witness History

Cases: 71
 ITC: 3
 Deposed: 30 times (2 virtual)
 Testified: 12 times (1 virtual)
 Presented at Markman: 3 times
 For Plaintiff/Petitioner: 30 times
 For Defendant: 42 times
 Dates are Start of Case

- 2007 Medical Device Telemetry. *Olympus Corporation, et al. v Given Imaging, et al.*, Civil Action No. 06 CV 02132 (JKG) (HSP) (E.D. Pa.). Source code analysis. Hardware analysis. Non-infringement and Invalidity. Plaintiff. Kenyon & Kenyon, NY
- 2008 Electronic Medical Record System. *Prompt Medical Systems L.P., v NextGen Healthcare*. Case No. 4:07-cv-04497 (S.D. Tex.). Non-infringement and Invalidity. Source code analysis. Defendant. Pepper Hamilton, Boston, MA
- 2009 Home-based Medical Telemetry System. Invalidity analysis for *Robert Bosch Healthcare Systems, Inc.* Bell Boyd Lloyd. Defendant. Chicago, IL
 Electronic Medical Record System. Invalidity. Source code analysis. For *NextGen*. Defendant. Pepper Hamilton, Boston, MA
 Patent portfolio analysis. Code and hardware analysis. For *Alcatel-Lucent*. Murray Hill, NJ

- 2010 Electronic Medical Record System. *Medical Monitoring and Paging, LLP v General Electric Company d/b/a GE Healthcare, Draeger Medical Inc. and Cerner Corporation*. Case No. 4:09-CV-01994 (S.D. Tex.). Invalidity. Defendant. Shook Hardy & Bacon, San Francisco, CA
Digital Signal Processing. *Masimo Corp. v Philips Electronics North America Corp. and Philips Medizin Systeme Boblingen GmbH*. Case No. 1:16-cv-00137 (D. Del.) Invalidity. Plaintiff. Knobbe Martens Olson & Bear, Irvine, CA
- 2011 Telemedicine Kiosk. *Computerized Screening, Inc. v Lifeclinic International Re-Exam*. Re-Examination No. 90/010780. Patent reexamination and Invalidity. **Testified** at USPTO. Plaintiff. SilverSky Group, LLC and Sterne Kessler Goldstein Fox, Washington, DC
Remote Telemetry Medical Device. *Medgraph, Inc. v Medtronic, Inc.*, Case No. 6:09-cv-06610-DGL (W.D.N.Y.). Non-infringement and Invalidity. Software and hardware analysis. **Deposed**. Plaintiff. Meredith & Keyhani, Princeton, NJ
- 2012 Telemedicine Kiosk. *Computerized Screening, Inc. v Lifeclinic*. Case No. 3:09-cv-00465-RJC-WGC (D. Nev.). Claim construction, Non-infringement and Invalidity. Hardware analysis. Plaintiff. Armstrong Teasdale, St. Louis, MO
Medical Claims Processing System. *Cave Consulting Group, LLC v Ingenix, Inc.*, No. 5:11-cv-469 EJD (N.D. Cal.). Infringement and invalidity. **Deposed** and **Testified x2**. Infringement and Validity. Jury trial. Plaintiff. Armstrong Teasdale, St. Louis, MO
Telemedicine. *Robert Bosch Healthcare Systems, Inc. v ExpressMD Solutions LLC*. Case No. 3:12-cv-00068 JW (N.D. Cal.). Non-infringement and Invalidity. Plaintiff. Dorsey & Whitney, Seattle, WA
Telemedicine. *Robert Bosch Healthcare Systems, Inc. v MedApps, Inc.* Case No. 3:12-cv-113-RS (N.D. Cal.). Non-infringement and Invalidity. Plaintiff. Dorsey & Whitney, Seattle, WA
- 2013 Remote Telemetry Medical Device. *CardioNet, Inc. v ScottCare Corporation and Ambucor Health Solutions, Inc.* Civil Action No. 12-cv-2516-PBT (E.D. Pa.). Claim construction, Non-infringement and Invalidity. Defendant. Source code analysis. Hardware analysis. **Deposed x 2**. Defendant. Ulmer & Berne, Cleveland, OH
Telemedicine. *My Health and University of Rochester v Cardiocom LLC*. Invalidity. Case No. 2:13-cv-136 (E.D. Tex.). Inter Partes Review. Defendant. Merchant and Gould, Minneapolis, MN
Medical Device. *Alifax S.p.A. and Nuclear Medica S.p.A. v ALCOR Scientific Inc.* Case No. 1:14-cv-00440-S-LDA (D.R.I.). Non-infringement. Hardware analysis. Plaintiff. Holland & Knight, Boston, MA
Patient Monitoring. *Theranos, Inc. and Elizabeth Holmes v Fuisz Pharma, et al.* Case No. 5:11-cv-05236-PSG (N.D. Cal.) Inventorship. **Deposed**. Defendant. Banie & Ishimoto, Redwood City, CA
Bedside Medical Device. *Fresenius Kabi USA, LLC v CareFusion*. Inter Partes Review. Plaintiff. Mayer Brown, Chicago, IL
Pharmaceutical Business Process. *IMS Health v Symphony Health Solutions*. Case No. 1:13-cv-02071 (D. Del). Non-infringement. Plaintiff. Fish & Richardson P.C., Washington, DC
Personal Health Records. *HealthTrio v Aetna, Inc., ActiveHealth Management, Inc. and Medicity, Inc.* Civil Action No. 1:12-cv-03229 (D. Colo.). Declaration. Non-infringement. Source code analysis. **Deposed**. Plaintiff. Skiermont Puckett, Dallas, TX
Electronic Medical Record System. *RLIS, Inc. v Cerner Corporation*. Case No. 3:12-cv-00209 (S.D. Tex.). Non-infringement. Source code analysis. **Testified** (jury trial). Defendant. Shook Hardy & Bacon, Houston, TX
Electronic Medical Record System. *RLIS, Inc. v Allscripts Healthcare Solutions, Inc.* Case No. 3:12-cv-00208 (S.D. Tex.). Non-infringement. Source code analysis. Multiple declarations. Defendant. Greenberg Traurig, Houston, TX and Latham & Watkins, LLP, Chicago, IL

- 2014 Computerized Meal Planning. *Dietgoal Innovations LLC v Kellan Restaurant Management Corp. d/b/a 54th Street Grill & Bar* (lead case). Civil Action No. 2:12-cv-00761-JRG-RSP (E.D. Tex.). Invalidity and Non-infringement. Source code analysis. **Deposed x3**. Plaintiff. Buether Joe & Carpenter, Dallas, TX
- Telemedicine. *My Health and University of Rochester v Click4Care, Inc.* Case No. 2:13-cv-00137 (E.D. Tex.). Invalidity. Inter Partes Review, PTAB Case IPR2014-00435. Defendant. Vorys, Sater, Seymour and Pease LLP, Washington, DC
- Medical Device. *FitnessAge Services, Inc. v Polar Electro, Inc.* Case No. 2:11-cv-01444-ECR (GWF), USDC NVD. Invalidity and Non-infringement. Source code analysis. Defendant. Holland & Knight, Washington, DC
- Medical Insurance System. *Athenahealth Inc. v CareCloud Corporation*. PTAB Case No. CBM2014-00143. Invalidity. Covered business method. **Deposed x 2**. Defendant. Hunton & Williams, Washington, DC
- Medical Device. *FEGO Precision Industrial Co., Ltd. v Aliphcom*. Case No. 2:13-cv-01152 (E.D. Tex.). Invalidity and Non-infringement. Defendant. Cooley, LLP, Washington, DC
- Radiation Oncology Planning System. *Prowess, Inc. v Siemens Medical Solutions USA, Inc.* JAMS Arbitration. Ref# 1100072826. **Testified** (bench, remotely). Defendant. Reed Smith, LLP, San Francisco, CA
- Electronic Medical Record System. *Cardinal Health v Allscripts Healthcare Solutions, Inc.* Case No. 13CV002123 (Ohio Ct. of Common Pleas, Franklin County.). Defendant. Jannik, LLP, Cleveland, OH
- Telemedicine. *My Health and University of Rochester v Biotronik, Inc., LifeScan, Inc. and Sotera Wireless, Inc.* PTAB Case No. IPR2015-00102. Invalidity. Inter Partes Review. Defendants. Sidley Austin, LLP, Los Angeles, CA
- Optical Character Recognition. *The Neat Company*. Docket No. 104974.000078, Inter Partes Review, Petitioner. Baker & Hostetler, LLP, Philadelphia, PA
- Augmented Reality. *Lennon Image Technologies, Inc. v Macy's Retail Holdings, Inc. and Luxottica USA LL d/b/a Ray-Ban*. Civil Action No. 2:13-cv-235, USDC TX ED. Invalidity and Non-infringement. Plaintiff. Buether Joe & Carpenter, Dallas, TX
- Medical Device. *Alifax S.p.A. and Nuclear Medica S.p.A. v ALCOR Scientific Inc.* Case No. 1:14-cv-00440 (D.R.I.). Non-infringement, Trade Secret and Copyright. **Presented at Markman hearing. Deposed and Testified** (jury trial). Hardware analysis. Source code analysis. Plaintiff. Manelli Selter, PLLC, Washington, DC/Pierce Atwood, Boston, MA
- Secure Medical Systems. *Golden Hour Data Systems, Inc. v Reach Air Medical Services, LLC and Air Methods Corp.* Covered Business Reviews, Case No. 3:14-cv-01059, USDC CA SD. Multiple declarations. Defendants. Fish & Richardson, Dallas, TX
- 2015 Medical Device. *International Biomedical, LTD. v General Electric Company and Datex-Ohmeda, Inc. (d/b/a GE Healthcare)*. Case No. 1:14-cv-00397-LY (W.D. Tex.). Non-infringement. Hardware analysis. **Deposed**. Defendant Arnold & Porter, LLP, Los Angeles, CA
- Decision Support System. *Cerner v Humedica*. Case No. 1:14-cv-00880-LPS (D. Del.). Non-infringement. Source code analysis. Plaintiff. Shook Hardy & Bacon, Houston, TX
- Telemedicine. *HealthSpot, Inc. v Computerized Screening, Inc.* Case No. 1:14-cv-00804 (N.D. Ohio). Invalidity and Non-Infringement. Hardware analysis. Defendant. Armstrong Teasdale, St. Louis, MO
- Telemedicine. *My Health and University of Rochester v Bosch and BodyMedia, Inc.* PTAB Case No. IPR2015-01218. Inter Partes Review. Petitioners. Orrick, Herrington & Sutcliffe, Menlo Park, CA
- Digital Signal Processing. *Masimo Corp. v Philips Electronics North America Corp. and Philips Medizin Systeme Boblingen GmbH*. Case No. 1:16-cv-00137 (D. Del.). Invalidity and Non-

- Infringement. **Deposed.** Defendant. Source code analysis. Hardware analysis. Mayer Brown, Washington, DC
- Electronic Medical Record System. *Roberto Cordero v Patrick McGonigle, MedInformatix, Inc., Thomas McGonigle, et al.* Defendant. Orrick, Herrington & Sutcliffe, Irvine, CA
- 2016
- Clinical Decision Support Software. *Cerner Corporation, Cerner Health Services, Inc., Allscripts Healthcare Solutions, Inc., Epic Systems Corporation and Epic Hosting, LLC v Uniloc USA, Inc. and Uniloc Luxembourg S.A.* Inter Partes Review. PTAB Case No. IPR2015-01608. **Deposed.** Petitioners. Shook, Hardy & Bacon, Houston, TX
- Drug Distribution Systems. *Par Pharmaceuticals v Jazz Pharmaceuticals.* Seven Inter Partes Reviews. PTAB Case Nos. IPR2015-01903, IPR2015-00545, IPR2015-00546, IPR2015-00547, IPR2015-00548, IPR2015-00551, IPR2015-00554. **Deposed.** Defendant. Jones Day, Cleveland, OH and Quinn Emanuel Urquhart & Sullivan, LLP, New York, NY
- Medical Sensor Design. *Masimo Corp. v Philips Electronics North America Corp. and Philips Medizin Systeme Boblingen GmbH.* Case No. 1:16-cv-00137 (D. Del.). Antitrust. **Deposed.** Defendant. Mayer Brown, Washington, DC
- Radiation Oncology Planning System – Linear Accelerator (Qualified in general radiation therapy, and in the specific fields of computer science, medical informatics, simulation and optimization with respect to radiation therapy). *Varian Medical Systems. v Elekta AB et al.* Case No. 1:16-cv-00994 (D. Del.). Non-infringement. Domestic Industry. **Deposed** and **Testified** (bench trial). Plaintiff. Source code analysis. ITC Case. ITC-337-TA-968. Quinn Emanuel Urquhart & Sullivan, LLP, San Francisco, CA
- Bedside Monitoring System. *The University of Florida Research Foundation, Inc. v Medtronic PLC.* Case No. 1:16-cv-00183 (N.D. Fla.). Non-infringement. Plaintiff. Shore Chan DePumpo, LLP, Houston, TX
- Medical Claims Processing System. *Cave Consulting Group, LLC v Truven Health Analytics, Inc.,* No. 5:15-cv-02177-S (N.D. Cal.). Infringement and invalidity. **Deposed x 2.** Plaintiff. Source Code Review. Armstrong Teasdale, St. Louis, MO
- Telemedicine. *McKesson Technologies Inc., InTouch Technologies, Inc. and DeVilbliss Healthcare, Inc. v My Health, Inc.* PTAB Case No. IPR2017-00312. Invalidity. Inter Partes Review. Plaintiff. Jackson Walker, LLP, Houston, TX
- Drug Distribution Systems. *Par Pharmaceuticals v Jazz Pharmaceuticals.* No. 2:10-cv-06108 (D.N.J.). Inter Partes Review. Defendant. Quinn Emanuel Urquhart & Sullivan, LLP, New York, NY
- 2017
- Physiological Monitor. *Biosig Instruments v Nautilus, Inc.* No. 10-cv-7722 (AKH) (S.D.N.Y.). Invalidity. Defendant. Software Analysis. Klarquist Sparkman, LLP, Portland, OR
- Radiation Oncology Planning System. *Elekta AB et al. v Varian Medical Systems.* No. IPR2016-00842. Inter Partes Review. Defendant. Quinn Emanuel Urquhart & Sullivan, LLP, San Francisco, CA
- Radiation Oncology Planning System. *Elekta AB et al. v Varian Medical Systems.* No. IPR2016-00843. Inter Partes Review. Defendant. Quinn Emanuel Urquhart & Sullivan, LLP, San Francisco, CA
- Radiation Oncology Planning System. *Elekta AB et al. v Varian Medical Systems.* No. IPR2016-00844. Inter Partes Review. Defendant. Quinn Emanuel Urquhart & Sullivan, LLP, San Francisco, CA
- Bedside Monitoring System. *The University of Florida Research Foundation, Inc.* Patent validity. Defendant. Shore Chan DePumpo, LLP, Houston, TX
- Wireless Communications System. *Gimme Vending, LLC v. VendSys et al.,* C.A. No. 1:17-cv-11137-WGY (D. Mass.). **Testified** (bench). Defendant. Hardware and Source Code Review. PierceAtwood, Boston, MA

- Haptics and Augmented Reality. *POWERbahn, LLC v. Saris Cycling Group, Inc.* d/b/a CycleOps. W.D. Wis. No.17-cv-003-wmc (W.D. Wis.). Defendant. Hardware and Source Code Review. Godfrey & Kahn, S.C., Madison, WI
- 3D Dental Imaging and Reconstruction. *Align Technology v 3Shape A/S*. ITC No. 337-TA-1090. **Presented at Markman Hearing**. Plaintiff. Paul Hasting LLP, Washington, DC
- 3D Dental Imaging and Reconstruction. *Align Technology v 3Shape A/S*. ITC No. 337-TA-1091. **Presented at Markman Hearing. Deposed. Testified x2** (infringement and validity) Plaintiff. Paul Hasting LLP, Washington, DC
- Voice Recognition Adaptation. *Nuance Communications, Inc. v. MModal LLC, LP Parent, Inc. and Legend Parent, Inc.* **Deposed**. Plaintiff. Weil, Gotshal & Manges LLP, NY, NY
- Medical Claims Processing System. *Cave Consulting Group, LLC v OptumInsight, Inc.*, No. 3:15-cv-03424 (N.D. Cal.). Infectious Unenforceability. **Deposed**. Plaintiff. Source Code Review. Armstrong Teasdale, St. Louis, MO
- 2018 Physiological Monitor. *Smart Wearable Technologies Inc. v. Fitbit, Inc.* Case No. 3:17-cv-05068 (N.D. Cal.) **Deposed**. Plaintiff. Post-Ruling Sanctions. Flachsbart and Greenspoon, Chicago, IL
- Trade Secret Misappropriation. *Syntel Sterling Best Shores Mauritius Limited and Syntel, Inc., v. The Trizetto Group Inc. and Cognizant Technology Corp* 2:15-cv-00211 (LGS)(JLC) Source Code Review. **Deposed** and **Testified** (jury). Defendant/Counterclaimants. Kirkland & Ellis, LLP, Chicago, IL
- Electronic Medical Record. *Celgene Corp. v. Dr. Reddy's Labs., Ltd. and Dr. Reddy's Labs., Inc.* Case Nos. 2:16-cv-07704-SDW-LDW, 2:17-cv-05314-SDW-LDW, and 2:18-cv-06378-SDW-LDW (D.N.J.) Defendant. Perkins Coie, LLP, Washington, DC
- Augmented Reality. *Peloton v. Flywheel Sports Inc.* Three Inter Partes Reviews. PTAB Case Nos. IPR2019-00294, IPR2019-00295, IPR2019-00564. Civil Action No. 2:18-cv-00390 (RWS)(RSP) IPR. **Deposed**. Defendant. Patterson Belknap Webb & Tyler LLP, New York, NY
- Radiation Oncology Planning System. *Best Medical International, Inc., v. Varian Medical Systems*. Case No. 1-99-CV-DE280 (DE). Defendant. Kecker, Van Nest & Peters LLP, San Francisco, CA
- Physiological Monitor. *Polar Electro OY v. Suunto OY, America Sports Winter & Outdoor d/b/a/ Suunto USA et al.* C.A. No. 1:17-cv-0139-CW. Hardware Testing and Source Code Review. **Deposed**. Plaintiff. Holland Knight, LLC, Washington, DC
- Telemedicine. *20/20 Vision Center, LLC v. Vision Precision Holdings, LLC et. Al.* 9:18-cv- 80670 (USDC -W. Palm Beach, FL). Defendant. Shutts & Bowen, LLP, W. Palm Beach, FL
- 2019 Haptics and Augmented Reality. *POWERbahn, LLC v. Foundation Fitness LLC and Wahoo Fitness, LLC*. Civil Action No.1:17-cv-02965-AT. **Deposed**. Defendant. Hardware and Source Code Review. Polsinelli PC, St. Louis, MO
- Trade Secrets, Direct Primary Care System. *Accresa Health, LLC v. Hint Health, Inc.* **Testified**. Plaintiff. Trade Secret. Winston & Strawn, LLP. Houston, TX
- Electronic Medical Record System. *Athenahealth, Inc., et al v. Clinicomp, International, Inc.* No. IPR2018-01634. Inter Partes Review. **Deposed**. Defendant. Quinn Emanuel Urquhart & Sullivan, LLP, Los Angeles, CA
- Consumer Database Management System. *CXT Systems, Inc. v Tailored Brands, Inc.*, No. 2:18-cv-00235 (RWS)(RSP). Infringement. Defendant. Armstrong Teasdale, St. Louis, MO
- Electronic Medical Record System. *Clinicomp, International, Inc. v AthenaHealth*. No. 1:18-CV-00425-LY (W.D., Texas). Invalidity and Non-Infringement. **Deposed** (remotely). Plaintiff. Manatt, Phelps & Philips, LLP, Los Angeles, CA

- 2020 Medical Imaging. *University of South Florida Research Center v. Hologic, Inc.*, Varex Imaging Corp and MeVis Medical Solutions AG. No. 2:20-cv-352 (U.S. District Court for District of Delaware). IPR. Defendant. King and Spalding, LLP, Chicago, Il.ds
- Wireless Bedside Monitors. *Masimo Corp. v. Sotera Wireless, Inc., et. al.* No. 3:19-cv-01100-BAS-NLS (S.D. Cal.). Defendant. Husch Blackwell, LLP, St. Louis, MO.
- Continuous Monitoring. *Roche Diabetes Care, Inc. v. Insulet Corp.*, C.A. No. 20-825-MN. Plaintiff. WilmerHale, LLP, New York, NY.
- HIPPA Compliance. *Enserion, LLC v. Orthofix, Inc.* C.A. No. 4:20-cv-00108-ALM (E.D. Tx.) Plaintiff. Budo Law, CO.
- Cardiac Telemetry. *Braemar Manufacturing LLC, et al. v. The ScottCare Corporation and Ambucor Health Solutions.* 2:12-cv-02516-PBT (E.D. Pa.). Defendant. Conrad O'Brien. New York.
- 2021 Portable ECG Monitor. *AliveCor, Inc. v. Apple, Inc.* No. 6:20-cv-011122. Plaintiff. Quinn Emanuel, San Francisco, CA.
- Wireless Bedside Telemetry. *Sotera Wireless, Inc. v. Masimo Corporation.* Inter Partes Review No. IPR2020-010 78. Petitioner. HuschBlackwell. St. Louis, MO.