DENNIS BRUNER, Retired Medical Device Consultant
Dennis Bruner works as a principal consultant who serves as an expert witness in issues involving a wide variety of medical devices including cardiothoracic surgery, dialysis, respiratory care, and labels/labeling. His work focuses on investigation, report writing, counseling, and expert testimony in a wide variety of medical device malfunctions and related cases.

Prior to starting his own consulting firm, Bruner worked at Gambro Renal Products, Inc. as the director of quality and regulatory compliance from 1999 to 2001. In 1990, Bruner began working for COBE Cardiovascular, Inc. as the director of quality and regulatory affairs. A long history with COBE Laboratories, he worked in numerous roles from 1977 to 1990.

Bruner holds a Bachelor of Science in mechanical engineering from Colorado State University and a Master of Science and a Doctor of Philosophy in mechanical engineering from the University of Houston. He also holds several U.S. patents in the field of oil well drilling and medical devices.

JULIE DUNN, Medical Director, Medical Center of the Rockies
Julie Dunn works for University of Colorado Health as the medical director of trauma research and education at Medical Center of the Rockies in Loveland, Colorado. In addition, she is a trauma and general surgeon for Colorado Health Medical Group.

Dr. Dunn serves on the National Committee on Trauma for the American College of Surgeons. She is also Out-of-State Site Reviewer for the Tennessee Trauma Center Inspection Team. In addition, Dr. Dunn is the chair for the State of Colorado Committee on Trauma of the American College of Surgeons.

Prior to joining MCR in 2011, Dr. Dunn spent 13 years teaching at the James H. Quillen College of Medicine at East Tennessee State University. In 1998, she began as the assistant professor of surgery and four years later was promoted to assistant professor of surgery. In 2010, she became a professor of surgery.

Since 2012, Dr. Dunn has served as an affiliate faculty member for the School of Biomedical Engineering at Colorado State, actively engaging in collaborative efforts with SBME faculty.
RAY GOODRICH, Executive Director, Infectious Disease Research Center, CSU
Ray Goodrich is the executive director of the Infectious Disease Research Center (IDRC) at Colorado State University. Prior to joining CSU in 2016, Goodrich served as president of Innovata BioConsulting and provided consultation related to medical products. From 2011 to 2016, Goodrich worked for Terumo BCT as the vice president of Scientific and Clinical Affairs as well as chief science officer for Blood Bank Technologies. He has over 23 years’ experience working in the medical industry.

GARY JOHNSON, President, Surgical Group, Applied Medical
Gary Johnson is the Surgical Group President for Applied Medical, a global medical device developer, manufacturer, and distributor headquartered in Rancho Santa Margarita, California.

Johnson joined the company in June of 1992 as a process development engineer. Three years later, he transitioned into the clinical development role and then served as vice president of clinical development, division president and general manager. In September 1999, Johnson was promoted to Vice President and general manager.

Johnson holds over a dozen patents for a variety of medical devices and technologies. He is a graduate of Colorado State University and holds a Bachelor of Science in mechanical engineering.

KIRK KINDSFATER, M.D., Orthopaedic Center of the Rockies
Kirk Kindfater is an internationally recognized, board-certified orthopaedic surgeon at the Orthopaedic Center of the Rockies who specializes in hip and knee replacement surgery.

Dr. Kindsfater is actively involved in medical research in new technologies and implant design which can lead to improvements in the field of joint replacement surgery. In addition, he consults with major orthopaedic companies for both product development and to educate other orthopaedic surgeons in new technologies and surgical techniques. Over the past 15 years, Dr. Kindsfater has been an invited faculty member at didactic orthopaedic courses on more than 60 occasions. He also routinely hosts other orthopaedic surgeons into his operating room so that they can see the latest in surgical techniques and operating room efficiencies.

Dr. Kindsfater continues to be very active with clinical research as well. Over the years he has been involved in 17 clinical research projects/clinical studies. He has presented research findings at international orthopaedic meetings held in Brugge, Belgium; Hawaii; Dubai, United Arab Emirates; Sydney, Australia; and Kyoto, Japan. Dr. Kindsfater has also lectured internationally, including educational presentations in recent years to fellow surgeons in Rome, Mexico City, and Surfers Paradise, Australia.

Dr. Kindsfater holds a Bachelor of Science in mechanical engineering from Colorado State University and a Doctor of Medicine from the University of Colorado School of Medicine. In addition, he performed an adult reconstructive fellowship at Harvard Medical School.
TARA RUTTLEY, Associate Program Scientist for ISS, NASA
Tara Ruttley is an Associate Program Scientist for the International Space Station (ISS) for the National Aeronautics and Space Administration (NASA) at Johnson Space Center in Houston.

Dr. Ruttley's role in the ISS Program Science Office consists of representing and communicating all research on the space station, and supporting the ISS Chief Scientist’s research recommendations to the ISS Program Manager and to NASA Headquarters.

Combining her love for Biology and human spaceflight, she pursued her BS degree in Biology and an MS in Mechanical Engineering from Colorado State University. Upon completion of her MS degree, she came to work for NASA in 2001 where she began her career as a biomedical engineer for the medical equipment and human research hardware used on the ISS.

While working as an engineer, she concurrently pursued her PhD in Neuroscience and joined the ISS Program Science Office upon completion, where she’s since enjoyed playing an active role in the science activities taking place on the ISS. Dr. Ruttley has authored publications ranging from hardware design to neurological science, and also holds a U.S. utility patent.

STEPHANIE SALAZAR, Senior Sterile Device Engineer, Medtronic, Inc.
Stephanie Salazar is a Senior Sterile Device Engineer at Medtronic, Inc. She currently works in Research and Development for the Restorative Therapies Group, Brain Division. Salazar joined Medtronic in 2011 as a technical specialist in the Services Organization. Her technical expertise includes mechanical design, biocompatibility, device reprocessing, sterilization and packaging of single use, reusable and capital equipment medical devices.

Salazar is the founder of the Medtronic Women’s Network Chapter at the Louisville, Colorado site. She is currently the co-chair of the Develop Committee and has orchestrated business, diversity, and mentoring initiatives across the business.

An alumna of Colorado State University, Salazar holds a Bachelor of Science in mechanical engineering.

JEFF SAMSON, M.I.D., Boulder iQ (formerly of Samson Design Associates, Inc.)
Jeff Samson, formerly the president of Samson Design Associates, Inc., recently merged his company with Boulder BioMed to form Boulder iQ, an expert contract consulting firm offering product development design and complete medical device quality and regulatory services. His professional interest is centered on biomedical engineering, not only commercializing emerging technology, but developing the intuitive human interface for medical devices.

In addition to his corporate and consulting research and development experience, Samson served on the faculty at Rochester Institute of Technology, University of Colorado, and University of North Carolina. He serves on several design and corporate advisory boards, has
hosted a radio program on advanced materials and technology, and facilitated special product innovation sessions nationally.

Prior to leading a consulting product development firm for over 30 years, early in his career, Samson designed product lines for Fisher Price Toys and created mass transit vehicles under a federal grant.

He received his Master of Fine Arts in industrial design from Cranbrook Academy of Art and completed post-graduate work in design management at Harvard University.

DENNIS SCHLAHT, Senior Vice President, R&D and Technology
Dennis Schlaht is the Senior Vice President of Research & Development and Technology at ImpediMed, a world leader in the development and distribution of medical devices employing Bioimpedance Spectroscopy (BIS) technologies for use in the non-invasive clinical assessment and monitoring of fluid status. Schlaht joined the company in October of 2007 as part of the company’s acquisition of XiTRON Technologies, Inc.

While at XiTRON, Schlaht served as Vice President for Marketing and Product Development, then as President. Prior XiTRON, he worked for Insight Electronics leading the company’s Wireless Solutions Group.

The first part of Schlaht’s career began at Lockheed Martin, where he held numerous positions in radio frequency and laser communications design, field service, proof-of-concept development, and program management.

Schlaht is a graduate of Colorado State University and holds a Bachelor of Science in electrical engineering. He later completed post graduate coursework at UCLA and UCSD.

STEVE SIMSKE, Professor, CSU Mechanical Engineering
Steve Simske was, until the end of 2017, an HP Fellow and a Research Director in HP Labs. At Hewlett-Packard, he set the standards for technical excellence and drove the direction of technology in the field of security printing and imaging.

Earlier at HP Labs, Simske worked on medical signal processing for portable medicine, including novel means of reducing biological noise in electrocardiograms (ECGs). Prior to his work in HP Labs, he worked on image processing, image analysis, and document-understanding technologies. Developing these technologies helped hone the toolset for architecting massive intelligent systems—now known as meta-algorithmics—and led Simske to write the book, “Meta-Algorithmics” (Wiley & Sons) in 2013.

With roughly 80 U.S. Patents and more than 300 peer-reviewed publications, Simske has designed and developed animal life support hardware, performed experiments on a dozen US Space Shuttle missions, written the first optimal reconstruction system for impedance tomography, and co-invented “lifetime” orthopedic implants.
Prior to joining HP, Simske served as a faculty member at several Colorado universities. He holds a Bachelor of Science in biomedical engineering from Marquette University, a Master of Science in biomedical engineering from Rensselaer Polytechnic University, and a PhD in electrical engineering from the University of Colorado where he was also a postdoctoral fellow in aerospace engineering.

**JAY SRINIVASAN, Divisional Vice President, Abbott**

Jay Srinivasan is the divisional vice president of R&D for Abbott’s diagnostic business.

Prior to joining Abbott in 2015, Srinivasan founded Loxian Consulting Group, a healthcare consulting firm focused on developing optimized technology to reduce costs incurred during hospital stays and outpatient care. Prior to heading his own healthcare consulting group, Srinivasan worked at GenMark Diagnostics as vice president of Next Generation Platforms from 2011 to 2013. From 2008 to 2011, he worked in multiple positions at Beckman Coulter. Srinivasan also worked as the associate director of Software Development and Validation at Qiagen from 2006 to 2008. Prior to his time at Qiagen, he worked for Abbott Laboratories for nearly nine years as a principal software engineer.

Srinivasan received his Master of Science in biomedical engineering from Drexel University and his Master of Business Administration from Northwestern University, Kellogg School of Management.