NANS I³
Invention, Investment, and Invigoration Forum:
Innovation and the Neuromodulation Ecosystem

Thursday, January 19, 2017
Las Vegas, NV | Caesars Palace Convention Center
8–10 am
Session I: Partnerships to Accelerate Innovation
Moderators: Ali R. Rezai, MD; Ashwini D. Sharan, MD

8–8:10 am
Introduction
Ali R. Rezai, MD

8:10–8:25 am
University Tech Transfer: What Next After IP?
Dipanjan Nag, PhD MBA MS

8:25–8:40 am
Stimulating Peripheral Activity to Relieve Conditions
Gene Civillico, PhD

8:40–8:55 am
Defense Advanced Research Projects Agency: Restoring Active Memory
Dan Rizzuto, PhD

8:55–9:10 am
Lead Technology Advancements: National Laboratories Partnership
Vanessa Tolosa, PhD

9:10–9:25 am
Battelle: Partnerships to Accelerate Innovations
Jeffery Wadsworth

9:25–9:40 am
Small Business Innovation Research
Stephanie Fertig, MBA

9:40–10 am
Panel Discussion

10–10:30 am
Break

10:30 am–12:15 pm
Session II: FDA and Neuromodulation
Moderator: Timothy Marjenin, BS

10:30–10:55 am
Proving Device Efficacy in Trial Design: How Big Should “n” Be?
David A. Schoenfeld, PhD

10:55–11:20 am
Trial Design
Peter G. Como, PhD

11:20–11:45 am
Device Development: Providing Regulatory Context
Timothy Marjenin, BS

11:45 am–12:15 pm
Panel Discussion
Moderators and faculty

12:15–1:30 pm
Lunch: Interactive Audience Policy SWOT Analysis of Neuromodulation Devices for North American Markets
Moderators: James Cavuoto; Gregory Fiore, MD; Peter Konrad, MD PhD

1:30–1:55 pm
Session III: Challenges and Opportunities Impacting Medical Device Growth
Moderator: Kevin Wasserstein, MS MBA

1:30–1:55 pm
The Reimbursement and Regulatory Environment
Frank Fischer, MS BSME

1:55–2:20 pm
Venture and Device Investment
Sami Hamadé, MBA MEng

2:20–2:45 pm
Challenges in Clinical Trials
Richard E. Kuntz, MD MSc

2:45–3:10 pm
Panel Discussion

3:10–3:30 pm
Break

3:30–4:45 pm
Session IV: Global Ecosystem for Neuromodulation Devices
Moderator: David Robinson, BE (HonS) BSc
3:30–3:45 pm  
**The Challenges of Establishing and Growing a New Market**  
Ernest Mantes, MBA

3:45–4 pm  
**Neuromodulation in Australia**  
Mark J. Cook, MD MBBS

4–4:15 pm  
**Neuromodulation in China**  
Luming Li, PhD

4:15–4:30 pm  
**Neuromodulation in Israel**  
Roy Katz, MEng

4:30–4:45 pm  
**Panel Discussion**  
Moderators and faculty

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### NANS I³ Course Directors

[Images of Ali R. Rezai, MD; Ashwini D. Sharan, MD; Peter Konrad, MD PhD]

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### Presenting Faculty

**James Cavuoto**

James Cavuoto is editor and publisher at Neurotech Reports, a publishing and market intelligence firm specializing in the neuromodulation device industry. He is the coauthor of *Bionic Pioneers* (Neurotech Press, 2014) and a contributor to the textbook *Neuromodulation* (Krames, Peckham, Rezai, eds). He also is the coauthor of the market research report The Market for Neurotechnology: 2016–2020. Mr. Cavuoto holds a bachelor’s degree in biomedical engineering from Case Western Reserve University, where he served as editor of the *Engineering and Science Review*. Mr. Cavuoto previously was an adjunct professor in the College of Imaging Arts and Sciences at Rochester Institute of Technology and is the founder and publisher of Micro Publishing Press.

**Gene Civillico, PhD**

Dr. Gene Civillico is a systems neuroscientist in the Office of Science and Engineering Laboratories (OSEL) at the U.S. Food and Drug Administration’s (FDA) Center for Devices and Radiological Health (CDRH). In his doctoral research with Diego Contreras at the University of Pennsylvania School of Medicine, he used voltage-sensitive dye imaging to study interacting sensory responses in the mouse neocortex at millisecond resolution in vivo. He went on to learn multiphoton microscopy methods and whole-cell patch...
Presenting Faculty

clamp as a postdoc with Sam Wang at Princeton, using these techniques to study the spatial and temporal clustering rules for the generation of dendritic calcium transients and somatic spiking by parallel fiber inputs to the Purkinje cell dendrite.

Since 2009, Dr. Civillico has been working to incorporate leading-edge assays of neuronal network function into neurotherapeutic discovery and development. As a central nervous system (CNS) drug discovery researcher at Otsuka Pharmaceutical, he led efforts to screen small molecules in high throughput for the ability to enhance high-frequency firing in prefrontal cortical neurons using an optical reporter of synaptic vesicle cycling delivered to neuronal cultures by AAV-mediated gene transfer. At OSEL, his main areas of focus include neurophysiological biomarker development, the evaluation of electrode technologies in animal models and humans, and neuro-ergonomic factors in medical device use. He is particularly interested in new rodent models of human disease targeting impaired neural circuit computation and collaborative analysis of human and animal electrophysiological and behavioral data.

Peter G. Como, PhD

Dr. Peter G. Como is a medical/clinical and lead reviewer in the Center for Devices and Radiological Health (CDRH), Office of Device Evaluation, Division of Neurological and Physical Medicine Devices, Neurostimulation Devices Branch of the FDA. Dr. Como serves as the lead medical reviewer for several neurological and psychiatric diagnostic and therapeutic devices within CDRH and also serves as a clinical consultant for submissions regarding neurocognitive outcomes in the Center for Drug Evaluation and Research. Prior to joining the FDA, Dr. Como was an associate professor of neurology, psychiatry, and brain and cognitive science at the University of Rochester Medical Center for 25 years. He served as the codirector of the Huntington’s Disease Center of Excellence at the University of Rochester and was the principal investigator for several clinical research studies in Huntington’s disease, Parkinson’s disease, and Tourette syndrome.

Dr. Como has been invited to speak at major national and international meetings related to his expertise in neuropsychology, clinical trials methodology, and neuro-psychiatric disorders. He has published more than 80 scientific papers and book chapters. Dr. Como was part of the clinical investigative team that presented safety and efficacy data to an FDA advisory panel in 2006, which ultimately resulted in the approval of tetrabenazine for the treatment of chorea associated with Huntington’s disease.

Mark J. Cook, MD MBBS

The Sir John Eccles chair of medicine and director of clinical neurosciences at St. Vincent’s Hospital in Australia, Dr. Mark J. Cook specializes in the treatment of epilepsy. He is recognized internationally for his expertise in epilepsy management, particularly imaging and surgical planning. After completing specialist training in Melbourne, he undertook a doctoral thesis while working as brain research fellow at Queen Square, London. He returned to St. Vincent’s Hospital, Melbourne, to continue his interest in neuroimaging for epilepsy. Under his directorship, both the research and clinical components of the neurology department at St. Vincent’s have been significantly enlarged. Currently one of the largest units in Australia for the surgical treatment of epilepsy, this was a direct extension of work he began in London, where he developed techniques for the accurate measurement of hippocampal volumes and established their position in noninvasive assessment of surgical candidates. More recently, his interests have included experimental models of epilepsy and seizure prediction.
**Stephanie Fertig, MBA**

Stephanie Fertig is the director of small business programs in the Office of Translational Research at the National Institute of Neurological Disorders and Stroke (NINDS). Ms. Fertig manages both the Small Business Innovation Research and Small Business Technology Transfer programs, which are congressionally mandated, set-aside programs developed specifically for small business concerns. In addition, she was involved in the creation of two translational device programs at NINDS: the Cooperative Research to Enable and Advance Translational Enterprises (CREATE) program for therapeutic devices and the Brain Research through Advancing Innovative Neurotechnologies (BRAIN) Initiative public-private partnership program. Prior to working in the Office of Translational Research, she was a member of the Repair and Plasticity cluster in the NINDS Division of Extramural Research. Before coming to NINDS, Ms. Fertig worked as a researcher in the Center for Biomolecular Science and Engineering at the Naval Research Laboratory in Washington, DC. Ms. Fertig has a bachelor of science (BS) degree in chemistry with a major in physics from the University of Virginia and a master of business administration (MBA) from the University of Maryland Robert H. Smith School of Business.

**Gregory Fiore, MD**

Dr. Gregory Fiore is a United States board-certified physician, healthcare executive, and entrepreneur. He is a recognized expert in clinical research and pharmacovigilance (PV) and has particular expertise in designing PV and medical systems, structuring programs to ensure appropriate medical oversight within clinical trials, and participating in safety advisory committees.

Dr. Fiore is the founder and current chief executive officer of a niche scientific consultancy called Fiore Healthcare Advisors. He also is the founder and chief medical officer of SSI Strategy, a niche multinational management consultancy with a focus on medical office functions.

Prior to these roles, Dr. Fiore was the chief medical officer of a global, commercial-stage biotechnology company focused on developing and marketing hospital products for critically ill patients. Dr. Fiore was valedictorian at New York Medical College and trained in internal medicine at Harvard Medical School’s Brigham and Women’s Hospital before undergoing further clinical training in pulmonary and critical care medicine in the Harvard Pulmonary and Critical Care fellowship program.

**Frank Fischer, MS BSME**

Frank Fischer has more than 30 years of senior management experience in the medical device industry. He has served on the NeuroPace Board of Directors since 1998 and joined the company as its chief executive officer in January 2000. Prior to joining NeuroPace, Mr. Fischer was president and CEO of Heartport, Inc., a cardiac surgery company, from May 1998 until September 1999, and served on Heartport’s board of directors. Mr. Fischer also was president, CEO, and a director of Ventritex, Inc., a company that pioneered implantable cardiac defibrillators, from 1987 until the sale of the company to St. Jude Medical, Inc. in 1997. Before joining Ventritex, he held various management positions at Cordis Corporation in the cardiac and neurosurgical device areas, serving most recently as president of the implantable products division. Prior to that, he spent 7 years with General Electric in a variety of operating positions. Mr. Fischer holds a BSME and an MS in management from Rensselaer Polytechnic Institute. He also serves on the board of directors of the Epilepsy Foundation, the board of trustees of Babson College, and the boards of a number of privately held medical device companies.
Sami Hamadé, MBA MEng

With more than 20 years of operating and investing experience across a broad spectrum of therapeutic areas, Sami Hamadé is a prominent figure in the medical technology sector and is leading Apple Tree Partners’ efforts in this area. His interests include therapeutic devices, sensors, and healthcare IT solutions. Prior to joining Apple Tree Partners, Mr. Hamadé was a partner at Aberdare Ventures, where he oversaw the sale of Ablation Frontiers to Medtronic and participated in a number of key investments, including NxThera Inc., Nevro, and Sonitus. Previously, Mr. Hamadé was vice president at the Guidant Corporation and head of the Compass Group, where he was responsible for Guidant’s venture capital, business development, and mergers and acquisitions activities. Successful investments included Cardionet, Inc., Evalve (acquired by Abbott), Cryovascular (acquired by Boston Scientific), Remon Medical (acquired by Boston Scientific), CardioMEMS (acquired by St. Jude Medical), and Spiration, Inc. (acquired by Olympus). Earlier in his career, Mr. Hamadé played a critical operating role at Advanced Cardiovascular Systems, the pioneering company in the then-emerging field of interventional cardiology, which subsequently became a central part of Guidant’s multi-billion-dollar leadership position in the stent market. He also was a senior executive in Guidant’s peripheral business. Mr. Hamadé has been a regular guest lecturer at the Stanford Business School and Biodesign programs. He also has received the Boss Kettering Award for innovation. Mr. Hamadé holds a bachelor’s degree in engineering from the American University of Beirut, a master’s degree in engineering from the University of Michigan, and an MBA from the Stanford Graduate School of Business.

Roy Katz, MEng

Roy Katz is heading Rainbow Medical’s business development and investment activities in the United States. Prior to joining Rainbow Medical, Mr. Katz served as the marketing director of Rhythmia Medical, a venture-backed medical device startup that was acquired by Boston Scientific in 2012. Previously Mr. Katz held several marketing positions at Medtronic and led projects at the Israeli-based consulting firm Tefen. Mr. Katz holds an MBA from the Kellogg School of Management; a master’s in engineering management from the McCormick School of Engineering at Northwestern University in Evanston, IL; and a BS in engineering from the Technion in Haifa, Israel. Mr. Katz is based in the Boston, MA area.

Peter Konrad, MD PhD

Dr. Peter Konrad is director of functional neurosurgery and tenured associate professor of neurosurgery and biomedical engineering at Vanderbilt University. He was elected fellow of the American Association of Neurological Surgeons in 2012 and the American Institute for Medical and Biological Engineering in 2010. Dr. Konrad has contributed to more than 60 peer-reviewed publications in neurosurgery, bioengineering, and deep brain stimulation (DBS). He is funded by the National Institutes of Health, Department of Defense, and industry for research in developing novel new technologies and therapies related to implantable neurological devices. He has been a surgeon to more than 300 patients receiving DBS implants and treating physician to more than 5,000 patients in his 15-year clinical career. Dr. Konrad is listed among America’s Top Surgeons (Consumers’ Research Council), is one of Tennessee’s Favorite Physicians (www.PatientsChoice.org), and has been named one of the Best Doctors in America. He advocates passionately for access to new technologies for treatment of Parkinson’s disease, spinal cord injury, and other neurological problems.
Presenting Faculty

Richard E. Kuntz, MD MSc

Dr. Richard E. Kuntz is senior vice president and chief scientific, clinical and regulatory officer of Medtronic, Inc. and serves as a member of the company’s executive committee. In this role, which he assumed in 2009, Dr. Kuntz oversees the company’s global regulatory affairs, health policy and reimbursement, clinical research activities, and corporate technology.

Dr. Kuntz joined Medtronic in 2005 as senior vice president and president of Medtronic Neuromodulation, which encompasses the company’s products and therapies used in the treatment of chronic pain, movement disorders, spasticity, overactive bladder and urinary retention, benign prostatic hyperplasia, and gastroparesis.

Prior to Medtronic, Dr. Kuntz was the founder and chief scientific officer of the Harvard Clinical Research Institute, a university-based contract research organization that coordinates National Institutes of Health and industry clinical trials with the FDA. Dr. Kuntz has directed more than 100 multicenter clinical trials and has authored more than 250 original publications.

Dr. Kuntz also served as associate professor of medicine at Harvard Medical School, chief of the division of clinical biometrics, and as an interventional cardiologist in the division of cardiovascular diseases at the Brigham and Women’s Hospital in Boston, MA. He has served as a member of the board of governors for the Patient-Centered Outcomes Research Institute since it was established in 2010 as part of the Affordable Care Act.

Dr. Kuntz graduated from Miami University and received his medical degree from Case Western Reserve University School of Medicine. He completed his residency and chief residency in internal medicine at the University of Texas Southwestern Medical School and completed fellowships in cardiovascular diseases and interventional cardiology at the Beth Israel Hospital and Harvard Medical School, Boston. He received his master’s of science in biostatistics from the Harvard School of Public Health.

Luming Li, PhD

Dr. Luming Li is a Cheung Kong Scholars professor. He received a BS in mechanical engineering in 1991 and an MS and PhD in material science and engineering, respectively, in 1996 from Tsinghua University, Beijing. Dr. Li was awarded the National Science Fund for Distinguished Young Scholars in 2011, “Top Ten Science & Technology Advances of Chinese College” in 2012, and first prize of S&T, Beijing 2015.

Ernest Mantes, MBA

Ernest Mantes has more than 25 years of experience in marketing and business development. He has held professional roles with diagnostic laboratories, hospital systems, and major medical device firms, including Becton Dickinson, American Medical Systems, and ANS/St. Jude Medical. In his 8 years at ANS/St. Jude, he held positions including director of emerging technologies, director of marketing for migraine therapies, and director of market development. Currently, as a consultant, he draws on his extensive experience in hospital administration, business and market strategy, mergers and acquisitions, and product management. Mr. Mantes received his bachelor’s degree from Pepperdine University and an MBA from Columbia University.
Presenting Faculty

Timothy Marjenin, BS
Timothy Marjenin is the chief of the Neurostimulation Devices Neurology Branch within the Office of Device Evaluation in the Center for Devices and Radiological Health. He joined the FDA in 2006 as a scientific reviewer, where he was responsible for regulatory submissions in a variety of device areas. He has presented before two meetings of the FDA Neurological Devices Advisory Panel and he regularly participates in a number of working groups on improving regulatory processes. Since March 2013, Mr. Marjenin has served as branch chief of what was previously the Neurostimulation Devices Branch, a position in which he supervises 15 scientists, engineers, and clinicians. His branch is responsible for the review of marketing applications, clinical trials, and other information relevant to a number of different neuromodulation technologies and his staff is dedicated to advancing safe and effective medical devices in support of the FDA’s mission to protect and promote public health.

Dipanjan Nag, PhD MBA MS
Dr. Dipanjan “DJ” Nag recently joined The Ohio State University as the associate vice president of technology transfer, spearheading the technology commercialization initiative for the university. Dr. Nag is part of the Corporate Engagement Office, the university arm that facilitates technology commercialization, corporate engagement, and economic development. Previously, he was an entrepreneur and successfully launched a number of companies in the intellectual property strategy and medical device spaces. From 2009 to 2012, he was the executive director, Office of Technology Commercialization, at Rutgers University, where he successfully led the overall commercialization efforts from a $430 million research budget, placing Rutgers in the top 10 rank for start-ups. Dr. Nag was a vice president at ICAP Ocean Tomo, a subsidiary of ICAP Plc, a $2 billion company. Prior to that, he led private sales and auctions of patents as a director at Ocean Tomo. He led technology transfer as director of operations and interim assistant vice chancellor for technology development at the University of Nebraska–Lincoln. He served on the Board of the Association of University Technology Managers as the vice president for professional development (2012–2014). In 2005, he received the prestigious Howard Bremer Scholarship in technology transfer. He currently is a well-renowned speaker and has delivered keynote addresses in Japan, Poland, Brazil, and many other countries.

Ali R. Rezai, MD
Dr. Ali R. Rezai earned his medical degree with honors from the University of Southern California and underwent neurosurgical training at New York University. He completed his subspecialty training in functional neurosurgery at the University of Toronto and the Karolinska Institute in Stockholm, Sweden. He then joined the neurosurgical faculty at New York University Medical Center, becoming the director of the Center for Functional and Restorative Neurosurgery until January 2000, when he joined the faculty at the Cleveland Clinic Foundation. Dr. Rezai was the director of the Center for Neurological Restoration as well as the Jane and Lee Seidman chair in functional neurosurgery at the Cleveland Clinic until August 2009, when he joined the faculty at Ohio State University (OSU) in Columbus. He is associate dean of neuroscience and the director of the OSU Neurological Institute.

A board-certified neurosurgeon, Dr. Rezai’s clinical areas of expertise are the neurosurgical management of patients with Parkinson’s disease, dystonia, chronic pain, brain and spinal cord injuries, spasticity, and severe mood and anxiety disorders. Dr.
Rezai was named one of the best doctors in America in Castle Connolly’s Guide to America’s Top Doctors from 2001 to 2016.

Dr. Rezai has published more than 175 peer-reviewed articles with an H-Index of 60 (Google Scholar), including in Nature and Lancet Neurology. He serves on the editorial board of five scientific journals, has co-authored 40 book chapters, and edited a book on surgery for psychiatric disorders and the two-volume textbook Neuromodulation.

Dr. Rezai has trained more than 40 fellows, delivered more than 500 lectures, and chaired numerous symposia and meetings. Dr. Rezai presented his work to the president of the United States, as well as to members of the U.S. Senate and House of Representatives on Capitol Hill.

Dr. Rezai is the past president of the Congress of Neurological Surgeons, the largest neurosurgical society in the world, as well as the past president of NANS and the American Society of Stereotactic and Functional Neurosurgery.

Dan Rizzuto, PhD

Dr. Dan Rizzuto leads strategic neurotechnology initiatives and large-scale research and development collaborations. Dr. Rizzuto currently is developing brain stimulation therapies for patients with memory impairment as part of the DARPA RAM project at the University of Pennsylvania. He previously managed the development of a high-throughput functional brain imaging pipeline (Allen Institute for Brain Science), led a hospital-based clinical research program (Swedish Neuroscience Institute), and developed an implantable brain stimulator for patients with major depression (Northstar Neuroscience). Dr. Rizzuto completed his doctorate in systems neuroscience and human memory at Brandeis University with Michael Kahana; completed his postdoctoral training in brain-machine interfaces at Caltech with Richard Andersen; and received a crash course in neurotechnology entrepreneurship with Northstar Neuroscience.

David Robinson, BE (HonS) BSC

David Robinson is an entrepreneur and businessman who has extensive experience in establishing and growing enterprises involved in the development and manufacture of innovative, high-technology, safety-critical systems. Throughout the past 15 years, Mr. Robinson has worked in or been a supplier to the implantable medical device industry. He was managing director of a specialist IP-based precision engineering business that supplied tooling and components to medical device companies. He was operations manager for the NICTA research project to develop a closed-loop spinal cord stimulator and COO of the spinout company established to commercialize that technology, Saluda Medical. Mr. Robinson is CEO of early-stage medical device company Mudjala Medical, which is developing novel neurostimulation technologies particularly aimed at peripheral nerve stimulation applications.

Mr. Robinson also has been general manager and CEO of contract engineering businesses that develop safety-critical systems for defense and industrial customers. His early career was spent in research, including 5 years with the Australian Navy’s Research Laboratories and a year with the Australian government’s Antarctic Research Expedition as an ionospheric physicist.
Ashwini D. Sharan, MD

Dr. Ashwini D. Sharan is a professor in the departments of neurosurgery and neurology at Sidney Kimmel Medical College at Thomas Jefferson University. He has been in practice for 15 years, focusing on surgery for epilepsy, neuromodulatory surgery, and spinal neurosurgery. At Thomas Jefferson University, Dr. Sharan provides unique expertise in deep brain stimulation for Parkinson's disease and essential tremor. His expertise also includes intrathecal pump implantation for spasticity, spinal cord stimulation for chronic pain disorders, and vagal nerve stimulation for epilepsy. In addition, he leads the surgical epilepsy program at Thomas Jefferson University, where approximately 100 patients per year are treated with surgery and a majority are cured.

Dr. Sharan was awarded the William H. Sweet Young Investigator Award and the William Buchhiet Teacher of the Year Award, was named by Philadelphia Magazine as a Rising Star at age 40, and was named one of America's Top Doctors. He has completed fellowship training at the Cleveland Clinic Foundation in functional neurosurgery with Ali Rezai and fellowship in spinal neurosurgery with Ed Benzel.

Dr. Sharan is program director of the Jefferson Neurosurgery residency. He is president for NANS and president-elect for the Congress of Neurological Surgeons. He has authored more than 100 publications and given countless invited talks. Dr. Sharan also has been a faculty member for several review courses throughout the United States and internationally. Dr. Sharan holds multiple patents in neurostimulation and neurosurgery. He was part of the founding team members in Intelect Medical and Endius and is part of the active founding members for Cerebral Therapeutics and Mudjala. He holds board positions in Tiger Labs and Neurotarget.

David Schoenfeld, PhD

Dr. David Schoenfeld is a biostatistician at Massachusetts General Hospital. He is a professor of medicine at Harvard Medical School and a professor in the department of biostatistics at the Harvard School of Public Health. He has provided statistical support for investigators conducting clinical and laboratory research for more than 30 years. He is principal investigator for the Clinical Coordination Center for the ARDS Network, which represents more than 30 hospitals and conducts multicenter clinical trials on acute respiratory distress syndrome and is the principal statistician for the Northeast ALS Consortium. In addition, Dr. Schoenfeld is a fellow of the American Statistical Association and has numerous papers in statistical literature.

Dr. Schoenfeld developed the first omnibus goodness of fit test for the proportional hazards regression model, a model that is used extensively in clinical trials that have survival or time to progression as an endpoint. He also developed widely used graphical techniques for this model. Dr. Schoenfeld's current research involves the application of causal interference to clinical trials, methods for the analysis of studies involving gene arrays, and novel clinical trial designs in psychiatry and neurology.

Vanessa Tolosa, PhD

Vanessa Tolosa is a research engineer in the Center for Bioengineering at Lawrence Livermore National Laboratory. She has spent more than 10 years on research focused on the development of long-term implantable neural interfaces and biochemical microsensors for clinical applications and investigational platforms for scientific discovery. As part of a dynamic program at a national lab, Dr. Tolosa integrates engineering, basic science, and clinical applications through partnerships with industry, academia, and research institutes. She holds a BS in chemical engineering from the University of Florida and a doctoral degree in chemical engineering from the University of California, Los Angeles.
Jeffrey Wadsworth

Jeffrey Wadsworth is president and CEO of Battelle Memorial Institute, the world’s largest nonprofit research and development organization, headquartered in Columbus, OH. Mr. Wadsworth worked at Stanford University, Lockheed Martin, and Lawrence Livermore National Laboratory before joining Battelle in 2002 as part of the White House Transition Planning Office for the Department of Homeland Security (DHS). He was then director of Oak Ridge National Laboratory and subsequently headed Battelle’s Global Laboratory Operations, directing laboratories for the U.S. Department of Energy, DHS, and others. He became Battelle’s eighth president and CEO in 2009.

Mr. Wadsworth earned bachelor’s and doctoral degrees at Sheffield University in England and has published nearly 300 scientific papers and one book and holds four U.S. patents. He has six honorary doctorates and fellowships in three technical societies and is a member of the National Academy of Engineering and the Chinese Academy of Engineering. He serves on the board of trustees at Ohio State University, where he recently finished serving as the board chairman. Mr. Wadsworth is helping to lead national efforts to enhance science, technology, engineering, and math (STEM) education through the launching of STEM schools and developing state and national networks of STEM schools.

Kevin Wasserstein, MS MBA

Kevin Wasserstein specializes in building medical device companies through their entire life cycle, from concept to commercialization. Mr. Wasserstein is the CEO and cofounder of the Neurotechnology Innovations Translator (NIT), a unique translational center in Columbus, OH, whose mission is to form or attract, develop, and commercialize pioneering neurotechnology companies from around the globe to improve patient well-being.

Prior to the NIT, Mr. Wasserstein founded MentorCatalyst, where he reinvented the craftsman-style approach to working with startup MedTech teams, deeply engaging and focusing on only a select few startup medical device companies and providing comprehensive leadership and guidance.

Prior to MentorCatalyst, Mr. Wasserstein spent more than a decade as a managing director at Versant Ventures, where he focused on investing in and building early-stage medical device companies. Mr. Wasserstein currently serves, or has served, in board or advisory roles with companies that include Acclarent (acquired: Johnson & Johnson), Autonomic Technologies, Cereve, Eargo, LipoSonix (acquired: Medicis), Lutonix (acquired: Bard), Microfabrica, Neoguide Systems (acquired: Intuitive Surgical), Oculeve (acquired: Allergan), Respicardia, Rox Medical, Second Sight Medical (NASDAQ: EYES), St. Francis Medical (acquired: Kyphon), and The Innovation Factory.

He previously held numerous operating leadership roles, including in marketing and business development at Guidant Corporation, business development at Heartstream, and engineering development and management at Hughes Aircraft Company. Mr. Wasserstein holds both bachelor’s and master’s in mechanical engineering, specializing in product design, as well as an MBA, all from Stanford University.
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