Dr. Michael G. O'Connor
612-819-6247
Lino Lakes, MN 55038

michael.g.oconnor@medtronic.com
mgoconnor@comcast.net
www.linkedin.com/in/michaelgoconnor

PROFESSIONAL SUMMARY

Innovative medical device professional, over twenty-nine years of project, program, portfolio management, engineering, operations, technology, research, quality and regulatory experience, eager to bring increased growth, efficiencies and value to your organization. Meet your business needs as a senior project director, utilizing my global medical device background in a progressive global leadership role. I am a Medtronic Technical Fellow (TF), Biomedical Engineering Society Fellow (BMESF), American Society for Quality Fellow (ASQF), Association for Project Management Fellow (FAPM) and American Academy of Project Management Fellow, & American Academy of Project Management (AAPMF).

PROFESSIONAL EXPERIENCE

Medtronic, Minneapolis, Minnesota, 2003–Present

Global leader in medical technology, alleviating pain, restoring health and extending life for people with chronic conditions around the world.

Medtronic, Director of Strategy and Project Management, Corporate CST, 2016–Present

Supports the VP Corporate Science & Technology (CST) on all topics of critical importance to him/her and the organization. Supports the Chief Medical Officer/Chief Scientific Officer, Senior Vice President of Strategic Scientific Operations (SSO) as needed. Proactively helps to identify, integrate and synthesize information and data, summarize, prioritize and follow-up on critical business issues. Directs large projects with global reach as assigned. Supports effectiveness of VP CST's interactions with CST stakeholders (CST organization, SSO Leaders, Global Clinical Leaders, Global R&D Leaders, Regional Leaders, Board of Directors, R&D Council and/or other Council staff). Works with senior management in CST to manage, guide and/or provide oversight on high value programs and supports / drives CST management governance and metric reporting activities. Professional Engineer, PE #17536.

Medtronic, Senior Program Manager, Corporate Quality and Regulatory, 2015–2016

Provide program management for the Enterprise Portfolio Management Office (EPMO) supporting Medtronic business-unit work for the European Medical Device Regulation (Medtronic European sales of $B's). Create governance, organization, data collection / summary, metrics, presentations, schedules, network with cross functional Medtronic business's and global reach. Provide project / program management to teams in quality and cross-functional groups to improve overall success. Create global corporate procedures / IT solutions that reduce cycle time in weeks / months and add value capture ($100Ks) in a complex regulatory environment. Drive execution of programs and action plans.

Medtronic, Senior Audit / Compliance Manager, Neuromodulation, 2013–2015

Led the compliance program and five individuals responsible for compliance, internal audits, supplier audits, external regulatory audit management, internal assessment, consent decree planning and actions. Added visual management and PMO expertise for stand-up meetings, audit actions and work direction, which improved overall audit metrics from 70% to 100%. Managed cost center and controlled budget of over $1M to 10% of AOP plan. Overall, there was an average reduction of 30% in audit findings during my time in this role, saving the business money and time. Reduced overall audit big list of nearly 500 items down to zero in three months by applying project and lean principles. With the support of the audit management team, I directed a culture shift from audit to compliance.

Medtronic, Senior Engineering Program Manager, Cardiac Rhythm Disease Management, 2008–2013

Directed advance technology and product development teams to implement, maintain and improve a consistent project management framework. With an outside development partner, I completed a lead sensor technology project in nine months. Saved Medtronic three to four years of product development and $30M+ by providing senior leadership timely updates and risk mitigation on a technology MRI lead project which is part of a medical device. Managed front-end development projects with global teams and travelled as needed to Ireland and Puerto Rico. Provided global program and project management office experience for lean design control project and DRM green belt projects. Travelled to outside suppliers up to 50% of the time to meet with physicians, review contracts, project execution and to create new designs.

Medtronic, Senior Technology Engineering Manager, Cardiac Rhythm Disease Management, 2006–2008

Led technical guidance and project management leadership of therapy delivery technology engineers, scientists and technicians. Provided a technology management office to prioritize by risk, cost, scope and time. Technology projects (five projects) were moved to product development in less time with an improved efficient technology procedure saving six to nine months. Developed a global technology maturity model which supported product development and saved time and money. Project priorities were aligned with Ireland and Puerto Rico project teams. Lead a team of seven highly technical and tenured people which included innovation, training, performance review, promotions, new hires and career development. Travel 15% on average to meet with customers and review new technology(s).

Medtronic, Program Engineering Manager, **Cardiac Rhythm Disease Management, 2003–2006**
Led the development of new global medical device products from concept through commercialization. Achieved increased revenue ($1B business, TDS) for Enhancr II, Select I, Select II, C304, C304EZ, & 6226DEF. Reduced overall 510(K) cycle time by 50%, applying value stream mapping to the development process. Transferred the Enhancr II product line to Puerto Rico, which reduced overall cost per device and increased throughput time by 20%. PMA for Atakr II was completed on time and budget working with a diverse cross-functional team. Managed relationships with project teams in Ireland and Puerto Rico to improve efficiency and gain alignment with our global development project portfolio.

CHF Solutions, Minneapolis, Minnesota, Manufacturing Engineering Program Manager, 2002–2003
Global medical device company, manufacturing innovative medical devices for cardiac care. Led successful, on-time validation (three months) of the manufacturing cleanroom, which includes design qualification, installation qualification, operational qualification and performance qualification. Provided project management expertise to three project teams to achieve lower costs and reduce time to market. Directed a group of four people in the manufacturing environment and operations projects.

HeartStent, Minneapolis, Minnesota, Director of Product Development, 1999–2002
Global medical device company developing revolutionary minimally invasive products to treat patients with coronary artery disease. Developed five innovative patent applications related to Left Heart Assist Device. Successfully developed quality management system and applied to ensure regulatory compliance. Leaned out design control process by nearly 40%, saving 25% time and reducing overall cost by 20%. Traveled to Europe 20% to meet with physicians and customers to demonstrate our products and receive valuable customer input on our product requirements and customer needs.

EDUCATION

Ph.D., Civil Engineering, Major in Project Management
University of Maryland, College Park, A. James Clark School of Engineering, College Park, MD

M.B.A., Business Management
University of Phoenix, Business School, Phoenix, AZ

M.S.P.M., Project Management
University of Wisconsin-Platteville, Business, Industry, Life Science, and Agriculture, Platteville, WI

M.S.T.M., Technology / Product Development
University of St. Thomas, School of Engineering, St. Paul, MN

B.A., Business Management, Minor Project Management
Metropolitan State University, Business Management School, St. Paul, MN

PROFESSIONAL AWARDS, CERTIFICATIONS AND ORGANIZATIONS

Award, Medtronic Technical Fellow (TF)
Award, Biomedical Engineering Society Fellow (BMESF)
Award, American Society for Quality Fellow (ASQF)
Award, Association for Project Management Fellow (APMF)
Award, American Academy of Project Management Fellow (AAPMF)
Award, Dubai International Project management Forum, (DIPMF), Hamdan Bin Mohammed Innovation Project Manager
Award, Project Management Institute (PMI), Kerzner Award for Excellence in Project Management
Award, Project Management Institute (PMI), Community Advancement through Project Management Award
Award, Minnesota Federation of Engineering, Science, And Technology Societies (MFESTS), Richard S. Alberg Distinguished Science and Technology Professional Award
Award, American Society for Quality (ASQ), Hutches Award for Social Responsibility
Certified Project Management Institute (PMI), Project Manager Professional (PMP)
Certified Project Management Institute (PMI), Program Manager Professional (PgMP)
Certified International Project Management Association (IPMA), Senior Project Manager, Level B (IPMA-B)
Certified Institute for Project Management (IPM), Certified Project Director (CPD)
Certified Project Risk Manager (CPRM)
Certified Exemplar Quality Management Systems (QMS), Auditor
Certified ASQ Biomedical Auditor (CBA), Auditor (CQA), Engineer (CQE), Six Sigma Green Belt (CSSGB)
Certified American Society of Engineering Managers (ASEM), Professional Engineering Manager (PEM)
Member, Project Management Institute (PMI)
Member, American Society for Quality (ASQ)
Member, Product Development Management Association (PDMA)
Member, International Project Management Association (IPMA)
Member, Association Project Management (APM)
Member, American Academy of Project Management (AAPM)
Member, Association for the Advancement of Medical Instrumentation (AAMI)
Member, Biomedical Engineering Society (BMES)