

Transformational Technology Executive

Chief Technology / Innovation Officer ► Breakthrough Products

Upgrading Medical Device Brands with Game-Changing Innovations, Top-Performing Teams, & Revolutionary Enterprise Strategies

Passionate about using disruptive technologies and a servant leader mentality to radically improve outcomes for patients and caregivers. Career history of marrying industry pragmatism, technical expertise, and university innovation to produce groundbreaking products. Respected for challenging conventional wisdom, demystifying complex concepts, and inspiring teams with a clear vision.

Career Highlights

- ✓ **Constructed \$75 million commercialized technology portfolio while keeping gross profit margins at 45%+.**
- ✓ **Established 6 organizations that fueled organic growth, technical advancements, and product engineering successes.**
- ✓ **Realized the highest net present value (NPV) in AcmePro's 110-year history, generating \$95 million with a smart medical device.**
- ✓ **Enabled the execution of 160 patent disclosures and the filing of 29 patent applications in just 18 months.**
- ✓ **Built \$30+ million business while positioning organization to become the world leader in novel PET tracer development.**
- ✓ **Held board leadership roles at California's top healthcare innovation organization, which has \$300+ million research budget.**

Professional Experience

AcmePro, San Jose, California

12/2016 to Present

Leading global medical device and technology company with 11,000+ employees in 100+ countries generating \$3.4 billion annually.

General Manager & Executive Director, Global Innovation

LEADERSHIP SCOPE: Steer and motivate 65 employees to peak performance levels across 12 global locations throughout France, Germany, Singapore, and 17 domestic states. Champion innovation and ensure full regulatory compliance with ISO standards while overseeing medical device development. Serve on Senior Leadership Team, Digital Health Steering Committee, Intellectual Property Steering Committee, and R&D Leadership Team. Report directly to Chief Technology Officer.

Top Contributions:

- **Grew \$75 million revenue stream through commercialized technology while keeping gross profit margins at 45%+.**
- **Built 6 key organizations that fueled organic growth while steering AcmePro's purposeful global transformation.**
- **Evolved culture, progressing teams beyond their comfort zones to develop riskier, more lucrative concepts.**

Profitable Innovations:

- **Achieved highest net present value (NPV) in the company's 110-year history, generating \$95 million** by creating LeakWatch, a smart consumable product that has revolutionized incontinence detection and management. Enabled 400+ products to be fabricated per minute with advanced manufacturing technology; ended reliance on traditional bed pan manufacturing.
- **Evolved 11 exciting concepts into full product development** after rejuvenating AcmePro's front-end innovation pipeline. Motivated Early Innovation Team to ideate more concepts by modernizing risk management guidelines. Enabled acceptance of smart beds, new surfaces, and non-invasive respiratory devices into the product portfolio.
- **Maximized open innovation opportunities while negotiating and managing 35 service agreements** for external clinical research, collaborative studies, and innovation challenges.
- **Co-invented devices and enabled others to submit 160 patent disclosures, file 29 patent applications,** and develop 16 defensive publications in just 18 months to protect the new innovation pipeline.

ABC Healthcare, San Jose, California

04/2007 to 12/2016

Multinational conglomerate generating \$15+ billion annually by manufacturing and distributing medical imaging solutions.

Imaging Solutions Manager (08/2012 to 12/2016)

Promoted to own the P&L of ABC's Imanet and Imaging Solutions (IIS) fee-for-service imaging contract research organization (CRO) with offices throughout the United Kingdom, Sweden, and Finland. Collaborated with the world's largest cancer/medical centers. Supervised 35 radiochemists and clinical research associates dedicated to producing cutting-edge solutions for big pharma companies and delivering internal ABC innovations.

ABC Healthcare | Imaging Solutions Manager (Continued):

- ▶ **Generated \$30+ million from IIS business** while building a world leader in novel PET tracer development for pharmaceutical drug trials. Followed good clinical practices (GCP) and good manufacturing practices (GMP).
- ▶ **Partnered with academics around the world to start 25 new IIS research programs.** Accelerated ABC’s tracer development for angiogenesis, prostate cancer, and Alzheimer’s disease.
- ▶ **Enabled development of valuable new technologies at minimal cost** and fulfilled the pharmaceutical industry’s growing need for emerging technologies by forging/strengthening high-profile industrial partnerships.

Global Molecular Imaging Scientist (10/2010 to 08/2012)

Ensured industry leadership in molecular imaging while acting as the CTO’s top global molecular imaging scientist. Spearheaded critical research projects, working collaboratively with internal business units and academic institutions to manage workflows from every angle.

- ▶ **Obtained \$15 million Center of Excellence (COE) grant** to launch 14-institution imaging network in Canada. Secured cooperative research and development agreement (CRADA) with National Cancer Institute (NCI).

Molecular Imaging Probes Applications Scientist and Reagents Product Manager, (04/2007 to 10/2010)

Directed development and implementation of the company’s reagent strategy. Oversaw creation of value propositions, lab studies, and sales tools. Invited by various organizations to speak about translational medicine and molecular imaging technologies.

- ▶ **Granted 12 strategic patent applications for trailblazing concepts** in vivo gene expression imaging and in vivo cell tracking, positioning ABC Healthcare to revolutionize the diagnostic application of imminent cell therapy in personalized medicine.

Past success as a Biomedical Technologist at ABC Global Research Center. Worked as a Graduate Student Researcher in the Department of Medical and Molecular Pharmacology at the UCLA School of Medicine, and as a Laboratory Supervisor at European Scientific.

Boards & Associations

Boards	<p><u>San Jose Innovates – Health Solutions, San Jose, California</u> 09/2011 to 03/2016 Board Member / Chair of Technology Committee / Member of Governance Committee Filled key leadership roles for California’s leading health research and innovation organization, which has 200+ members and a \$300+ million health research budget. Funded top-quality, internationally competitive health research and innovation activities to improve the health and well-being of local residents. Served as the sole industry representative on a board filled with philanthropists and academics.</p>
Associations	<p>American Medical Informatics Association 04/2019 to Present AdvaMed R&D Forum 09/2018 to Present International Association of Innovation Professionals 01/2018 to Present</p>

Credentials & Patents

Education	<p>California Institute of Technology (Caltech) Master of Technology Management (MTM) (GPA: 3.9 / Outstanding Academic Achievement Award) University of California, Los Angeles (UCLA) School of Medicine Doctor of Philosophy (PhD), Biomedical Physics (GPA: 3.9 / SNMMI Image of the Year) Bachelor of Science (BS), Biochemistry (GPA: 3.7 / Cum Laude)</p>
Certifications	<p>Servant Leadership Certification Cornell University Strategic Project Leader Certification Project Management Institute (PMI) Six Sigma Green Belt Certification International Association for Six Sigma Certification (IASSC)</p>
Global Patents	<p>US10353881 Dynamic apnea therapy surface, 01/23/2020 EP3162672B1 Dressing and dressing assembly for preventing pressure ulcers, 10/07/2019 US10016325 Patient care device integration with a hospital bed, 09/12/2019 EP2762340A6 Adverse condition detection, assessment, and response devices, 03/11/2019</p>

Thought Leadership

Keynote Speaker at OHSU 2019 Commercialization Conference in Portland, Oregon (03/2019), at AUTM Annual Meeting in Austin, Texas (02/2019), at AdvaMed MedTech Conference in Philadelphia, Pennsylvania (09/2018)

Résumé Strategy

This client was a technical wizard in the medical device space. Some of the products he designed are going to revolutionize the way hospitals care for their patients.

His entire career was influenced not only by his passion for biomedical advancements and emerging technologies, but by his own childhood experience of being a caregiver to his mother.

Whenever he designs a medical device (or improves the functionality of one), he thinks about how each feature impacts not only the patient, but the caregivers as well. After all, if doctors and nurses are uncomfortable using the devices he developed, they don't become popular.

Therefore, I wanted to really clarify his unique perspective and emphasize the value he places on servant leadership in the very first line of his introduction. Directly beneath the summary paragraph, I added a powerful achievement list to highlight his incredible, yet varied accomplishments.

Since he was targeting Chief Technology Officer positions, I highlighted his experience in reporting directly to CTOs.