

# TIMOTHY M. LOONEY

100 Business Park Drive, Unit 5 ☐ Tyngsboro, MA 01879 ☐ 978-649-5555 ☐ tim@northeastbiomed.com  
<https://www.linkedin.com/in/tlooney/>

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## EXECUTIVE SUMMARY

### MEDICAL DEVICES | PRODUCT DEVELOPMENT | PROJECT MANAGEMENT

**A dedicated executive that can take your company or product to the next level. I swiftly understand a situation or technical challenge and can form both a plan and a team to tackle it. I work well with a wide variety of people with the ability to focus their efforts to achieve corporate goals.** Very knowledgeable in medical and product development, operations, and quality/regulatory affairs with a track record of successful product development and implementing the necessary controls to ensure compliance. Dedicated to maintaining a reputation built on quality, service, and uncompromising ethics.

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### AREAS OF EXPERTISE

- New Product Development
  - Medical Device Design
  - Specialty Equipment Design
  - Business Development
  - Operations Management
  - Quality Management
  - Business Planning and Launch
  - Schedule and Risk Management
  - Budgeting, Forecasting, & Control
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### PROFESSIONAL EXPERIENCE

NORTHEAST BIOMEDICAL, INC., TYNGSBORO, MA 2011 – Present

#### FOUNDER & PRESIDENT

Northeast Biomedical, Inc. is a product development firm that specializes in the design and development of medical devices and equipment. We work with companies at all stages of your development from the research through product launch. We have experience with a wide variety of projects including: minimally invasive catheters, optical diagnostics, stent systems, drug/device combinations, spectroscopy systems, automation systems, and specialized electronic equipment. More information can be found at [www.northeastbiomed.com](http://www.northeastbiomed.com)

UNIVERSITY OF MASSACHUSETTS, LOWELL – LOWELL, MA

1998 – Present

#### SENIOR ADJUNCT FACULTY

Responsible for course design and instruction (part-time) of undergraduate and graduate college courses for UMass Lowell's Manning Graduate School of Business and the College of Engineering Technology. The courses include: New Product Development (ENTR-6450), Medical Device Design I & II (BMEN-4030 & BMEN-4035/5035), and Computer Aided Design (MTEC-4800 & BMEN-4390). Textbook Publications: Author of: Hands-On AutoCAD, Glencoe/McGraw Hill, 2005 and Hands-On AutoCAD LT, Glencoe/McGraw Hill, 2005. Technical Contributor to: Project-Based AutoCAD, Glencoe/McGraw Hill, 2004

TRIAD VENTURES CORP., TYNGSBORO, MA

2013 – 2019

#### CO-FOUNDER AND CHAIRMAN

Triad Ventures is a early stage medical device venture capital firm. We help our portfolio companies move across the chasm from the initial idea through market launch. We were formed by a group of medical device professionals and entrepreneurs that understand what it takes to make a venture successful.

We have a three phase approach to investments: Discover, Nurture, and Launch

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**PROFESSIONAL EXPERIENCE – CONTINUED**

CREGANNA-TACTX MEDICAL, MARLBOROUGH, MA

2010 – 2011

**MEDICAL DEVICE DESIGN SERVICES & SITE MANAGER**

Responsible for the operations and project management of a contract catheter design and manufacturing company in Marlborough, MA. The company is based in Galway, Ireland with 5 offices worldwide. Creganna-Tactx Medical provides a complete range of solutions to assist medical device and life science companies get products from concept to production.

- Design minimally invasive devices for a wide variety of applications for a wide variety of customers.
- Responsible for day to day management of the facility, equipment, accounts, and employees.
- Manage more than a dozen simultaneous medical device development programs, each at different stages of development both directly and through project managers.
- Produce human-grade medical devices in an ISO Class 8 (10,000) clean room.
- Work with new and existing customers to identify their needs, create proposals, plans, and execute on them.

**CREGANNA-TACTX ACHIEVEMENTS:**

- Divisional P&L responsibility, moving from a loss to break-even within 4 months and a 10% gross profit within 7 months.
- Worked with a large variety of customers to better understand their needs therefore dramatically increasing their satisfaction with the work that we did for them.
- Substantially reduced overhead and operating costs through staff reduction and managing expenses.

CORNOVA, INC. – BURLINGTON, MA

2005 – 2010

**VICE PRESIDENT OF ENGINEERING & OPERATIONS**

Responsible for project management and managing operations for a multinational start-up medical device company. Duties included: R&D, facilities, human resources, finance/accounting, operating/capital budgeting, quality, clinical affairs, manufacturing, and provide technical and managerial oversight to medical device development programs.

- Design and develop a novel diagnostic angioplasty catheter and support electronics using integrated optical fibers and lasers to analyze coronary lesions.
- Develop the next two coronary stent systems that were both bare and passively coated with precious biocompatible metals.
- Coordinate and execute engineering and development programs with a multinational development team.
- Responsible for ISO13485 QMS certification, clinical filings, CE Mark testing, approval, and audit process.

**CORNOVA ACHIEVEMENTS:**

- Developed two CE Marked stent systems that were approved for sale in the EU.
- Developed an optical pre-dilation catheter and electronics for use in preclinical testing.
- Work as a team to form and execute business strategy, financial, and organizational structures.
- Responsible for ISO 13485:2003 Quality Management System for offices in the US and Germany.
- Performed as part of the executive team to raise \$21M in multiple rounds of funding from both private and institutional investors.
- Established an office in Burlington MA as well as two wholly owned subsidiaries in Munich, Germany and Buenos Aires, Argentina.
- The company filed for and received 2 issued patents, and 18 additional utility patent applications filed.

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**PROFESSIONAL EXPERIENCE - CONTINUED**

ATROX TECHNOLOGIES CORPORATION – LOWELL, MA

2003 – 2007

**PRESIDENT**

Founder of a start-up consulting firm specializing in new product development and automation system design. We provided technology driven solutions to current and emerging technology firms to help them bring their products to market within their manpower, financial, and schedule goals. We work with many different industries including: industrial manufacturing, biotechnology, robotics, and defense companies.

- Built a very successful team that was able to work on some very interesting projects.
- Design and develop a wide variety of products for customers including specialty equipment and products.
- Responsible for day to day activities of a small start-up development firm.
- Secured financing including a small stock offering.

BROOKS AUTOMATION/INTELLIGENT AUTOMATION SYSTEMS – CAMBRIDGE, MA

2000 – 2002

**SENIOR APPLICATIONS/PROJECT ENGINEER**

AEA TECHNOLOGY, QSA INC., BURLINGTON, MA

1998 – 2000

**SENIOR MECHANICAL DESIGN ENGINEER**

RAYTHEON DEFENSE SYSTEMS, TEWKSBURY, MA

1996 – 1998

**MECHANICAL DESIGN AND DEVELOPMENT ENGINEER**

AMERICAN SHOE MACHINERY, BEVERLY, MA

1994 – 1996

**PRODUCT DEVELOPMENT ENGINEER**

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**PROFESSIONAL ORGANIZATIONS AND AFFILIATIONS**

American Society of Mechanical Engineers  
 Massachusetts Medical Device Society – MassMEDIC  
 Fundamentals of Engineering (EIT) - State of Massachusetts, Number 15347  
 Boy Scouts of America – Eagle Scout

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**SKILLS AND TRAINING**

Software: MS Office, Project, QuickBooks, and others  
 CAD: AutoCAD, SolidWorks, Inventor, and others  
 ISO 13485:2003, ISO 9001, ANSI Y14.5M, Medical Device Directive 93/42/EEC  
 Radiation Safety Training – AEA Technologies, 1998  
 Six Sigma – Raytheon, 1997

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**EDUCATION****MASTER OF BUSINESS ADMINISTRATION (MBA) – ENTREPRENEURIAL STUDIES**

Suffolk University – Boston, MA

**MASTER OF SCIENCE - MECHANICAL ENGINEERING**

Northeastern University - Boston, MA

**BACHELOR OF SCIENCE – MECHANICAL ENGINEERING**

University of Massachusetts Lowell – Lowell, MA