

JIM COWAN, M.D., E.M.B.A

BUSINESS STRATEGY CONSULTANT & ENTREPRENEUR

Healthcare / Biotechnology / Pharmaceutical / Finance (Portfolio Analysis & Due Diligence)

Integrating Leadership of Financial & Business Strategies in New Product Innovation Implementing Operational Management to Drive Sustainable, Bottom-Line Results

Business Entrepreneur with E.M.B.A. in Finance, first-hand understanding of capital markets, and experienced equities trader. Consistently achieve profitability by “pushing the envelope” to increase business performance through innovation and leveraging new technologies. Diverse career in clinical medical diagnostics, private practice, academia, and two fellowships in highly technical subspecialties. Tri-lingual in English, French, and Hebrew. Respond to challenges with confidence, determination, and focus with expertise in:

- Board / Stakeholder Relations
- Change Management
- Customer Relations / Negotiations
- Leadership / Recruitment / Development
- Quality Control / Regulatory Compliance
- Capital, P&L, ROI Accountability
- Cross-Functional Collaboration / Leadership
- Integrating Innovation & Business Solutions
- Process / Productivity Improvement
- Strategic Planning / Tactical Implementation

EXECUTIVE EXPERIENCE

Rutgers University - School of Business, Piscataway, NJ 2009 - Present
Premier institution for undergraduate and graduate business studies as well as cutting-edge research that benefits New Jersey, the nation, and the world.

Adjunct Professor (Program Development)

Developed from scratch and delivered curriculum on topics in Securities Analysis to M.B.A. candidates.

- Appointed to business school faculty to teach graduate students upon obtaining E.M.B.A. degree.
- Communicate highly technical data-mining and strategy-building techniques for analyzing securities and trading financial markets.

Jim Cowan, Livingston, NJ

2003 - Present

CEO

Create and implement advanced portfolio research strategies along with the development and writing of proprietary strategies for automated computerized trading. Conducted trading activity covering a wide range of securities including stocks, bonds, index futures, commodities, ETFs, and options. Consistently exceed annual profit objectives.

MIO, LLC, West Orange, NJ

1988 - 2003

Developer of business opportunities in niche markets while providing consulting services and technological support to client companies.

BUSINESS INVESTMENTS:

Medical Imaging Center of the Oranges, West Orange, NJ

Full-service, private outpatient imaging center with 25-35 part- and full-time employees.

CEO/President & Medical Director

Established, owned, and operated first private outpatient, full-service imaging center in New Jersey.

- Expanded original 4,000 sq. ft. facility into 9,100 sq. ft. practice that generated more than \$5 million in annual revenue at 40% net profit.
- Created second imaging center in nearby Newark, New Jersey by using success at primary office and longstanding community relationships.

Medical Imaging of Ironbound, Newark, NJ

Private outpatient MR imaging center.

Medical Director

Developed and managed second private outpatient MR imaging center in underserved section of Newark, New Jersey, that generated \$133,500 tax savings and \$855,000 profit.

- \$315,000 profit realized by negotiating sale of Newark imaging center 36 months after inception.

CONSULTING:

Tri-County MRI / Neurodiagnostics, Chatham, NJ

Private, outpatient diagnostic imaging center serving affluent suburban region of northern New Jersey.

MRI Consultant

Collaborated with medical director, taught staff about MRI, and provided MRI interpretations as needed.

- Achieved 12.5% increase in MRI clients and 8.5% increase in non-MRI referrals by forming association with imaging center competitor and teaching their physicians and staff MRI imaging techniques.

Lenox Hill Radiology Associates, New York, NY

Private, full-service outpatient imaging center serving patients in Upper East Side of Manhattan.

MRI Consultant

Provided MRI Interpretation via first teleradiology system available in United States.

- Provided 24-hour turnaround service despite extreme distances by leveraging reputation as MRI leader to affiliate with renowned Manhattan office and electronically transmitted images and reports.

TME, Inc. and Merrill Lynch, Houston, Texas and New York, NY

Healthcare private venture capitalist and Wall Street underwriter

Healthcare Business Consultant

Served as expert on clinical imaging and state-of-the-art technological advances, and liaison with private and corporate investors.

- Through participation in corporate road shows and personal interactions, helped raise over \$22 Million of investment capital for buildout of five imaging centers.

University of Texas Health Science Center - Southwestern Medical School, Dallas, TX 1985 - 1987

University medical school and hospital (750 beds) with full-service radiology services, outpatient imaging center, and fully accredited residency and fellowship programs.

Director of Clinical Imaging (R&D)

Managed university and medical school imaging department generating more than \$5.3 million annually.

- Trained residents and fellows rotating through various imaging services.
- Authored 55 peer-reviewed, scientific articles and abstracts; lectured extensively on imaging topics throughout U.S.; and presented numerous papers at national/international scientific meetings.
- Co-investigator of labeled particles for use as targeted imaging agents in evaluating tumors.
- Member of R&D team developing advances in RF surface coil technology, MR pulse sequences, and imaging techniques.
- Served on University of Texas team, working with Berlex, Inc., in development of first commercialized MR contrast agent.

SUNY Downstate - Maimonides Hospital Medical Center, Brooklyn, NY 1982 - 1984

550-bed, University-affiliated teaching hospital serving largest borough in New York City.

Radiologist, Director of Angiography & Interventional Procedures

Increased daily procedures 97% by developing and managing full-service angiography and interventional radiology department.

- Realized \$1.774 million revenue in two years on \$675,000 investment in new lab by developing collaborative relationships with, and confidence of, radiology staff, department chairs, and referring physicians.
- Introduced new percutaneous biopsy service that grew to 50 procedures per month within three months of launch.
- Enabled radiology department to plan for construction of second angiography suite and purchase \$3 million of new equipment as result of leading department to achieve success.

EDUCATION

Executive Master of Business Administration, *Finance*

RUTGERS UNIVERSITY SCHOOL OF BUSINESS, Newark, NJ

- Wall Street Journal Strategy Award Winner
- *Markstrat* Marketing Strategy Award Winner
- Lawrence Fischer Award Winner in Finance
- Beta Gamma Sigma Honor Society
- 3.9 GPA

Doctor of Medicine

NEW YORK MEDICAL COLLEGE, Valhalla, NY

Bachelor of Science, *Biological Sciences*

RUTGERS COLLEGE, New Brunswick, NJ

- Henry Rutgers Scholar
- Highest Distinction in Zoology

CERTIFICATIONS

C.F.A., *Certified Financial Analyst*, SOCIETY OF CERTIFIED FINANCIAL ANALYSTS (Pending)

Medical Licensure (#44344), State of New Jersey

Medical Licensure (#138440), State of New York

Diplomate, AMERICAN BOARD OF RADIOLOGY

Diplomate (#20085), NATIONAL BOARD OF MEDICAL EXAMINERS

FLEX Certification, FEDERATION LICENSING EXAMINATION

TRAINING

Medical Internship, WESTCHESTER COUNTY MEDICAL CENTER, Valhalla, NY

Residency, *Diagnostic Radiology*, THE MOUNT SINAI HOSPITAL, New York, NY

Fellowship, *Angiography and Interventional Radiology*, THE MOUNT SINAI HOSPITAL, New York, NY

Fellowship, *Magnetic Resonance Imaging (MRI)*,
UNIVERSITY OF TEXAS, SOUTHWESTERN MEDICAL SCHOOL, Dallas, TX

Visiting Fellowship, *Vascular Ultrasonography*, SWEDISH HOSPITAL, Denver, CO

ORGANIZATIONS/AFFILIATIONS

Beta Gamma Sigma Business Honor Society

Rutgers University School of Business Finance Committee

New York Society of Security Analysts

Radiological Society of North America

American College of Radiology

Society of Magnetic Resonance in Imaging

Society for Cardiovascular and Interventional Radiology