
FRANK J. ADDIVINOLA, JR., MBA, JD, LL.M.

276 Washington Street #305
Boston, MA 02108
(617) 777-5936

EDUCATION

Northeastern University, Boston, MA

Ph.D. Candidate, Law, Policy & Society Doctoral Program, 2010-present

Courses: Sociology of Law, Strategic Management & Leadership in Health Care, Research & Statistical Methods 1, Research & Statistical Methods 2, Economics of Law & Regulation, Legal & Social Issues in Health Informatics, Strategizing Public Policy, Business of Health-Care Informatics, Public Health Administration and Policy.

President of Law, Policy and Society Graduate Student Association, 2011-2012

Suffolk University Law School, Boston, MA

Master of Laws (LL.M.) in Global Law & Technology, 2010

Specializations: 1. Biotechnology & Health Law;
2. Intellectual Property & Information Technology

Courses: Global Issues of Law, Policy and Ethics in the New Technologies, Health Law, Medicare & Medicaid, Food and Drug Law, Government Contracts, Construction Law, Antitrust, International Business Transactions, International Trade Law, Health Law Technology Issues, International Intellectual Property, Biomedicine Law & Public Policy, Practice Before the USPTO.

Suffolk University Law School, Boston, MA

Juris Doctorate (JD), 2009

Intellectual Property Law courses: Intellectual Property, Patent Law, Internet Law, Licensing Intellectual Property, Patent Litigation Seminar, Biotech Patent Law, Drafting Patent Claims, Advanced Technology Seminar, Counseling Technology Leading Emerging Enterprises, Trademark Law, Trade Secrets.

General Law courses: Conveyancing, Corporations, Civil Procedure, Contracts, Property, Torts, Legal Writing, Criminal Law, Evidence, Constitutional Law, Constitutional Law/Criminal Procedure, Professional Responsibility, Trusts, Commercial Law Survey, Business Planning, Closely Held Corporations, Commercial Law Sales, Estates, Mass. Practice Seminar.

University of Maryland University College, College Park, MD

Master's of Business Administration (MBA), General Management, 2001

Courses: Macroeconomics, Microeconomics, Finance, Financial Management & Information Systems, Federal Income Taxation, Investment Valuation, International Marketing Management, Accounting, Economics & Financial Analysis for Technology Managers.

Capstone project: *Business in a European Context*, UFSIA-University of Antwerp, Belgium

Johns Hopkins University, Baltimore, MD

Master's of Science (MS), Biotechnology, 1999

Courses: Advanced Biochemistry I, Advanced Biochemistry II, Advanced Cell Biology I, Advanced Cell Biology II, Computers/Molecular Biology, Molecular Embryology, Recombinant DNA Lab II, Gene Identification, Recombinant Protein Laboratory, Genetic Analysis, Gene Regulation.

EDUCATION

Continued

University of Maryland University College, College Park, MD

Master's of Science, Technology Management (MSTM), 1997

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|--------------------------|-------------------------------------|
| I. Technology Innovation | II. Technology Planning & Budgeting |
| III. Project Management | IV. Information Technology |

Courses: Technology Management, Human Resource Management, Risk Management, Strategic Financial Management, International Legal & Tax Environment, Information Systems for Managers, Decision Support & Expert Systems, Information Technology & Organizational Transformation.

Master's thesis & presentation: "*Strategic Management and Financial Planning for Early Detection of Prostate Cancer*".

Recognition Award, UMUC Executive Technology Management Program, February 1997

Harvard University Extension School, Cambridge, MA

Master's in Liberal Arts (ALM) with concentration in Biology, 1996

Courses: Genetic Engineering, Molecular Physiology, Graduate Studies/Natural Sciences, Origins & Development of Science/Antiquity, Statistics for Psychology, Development of Science & Antiquity, The Physiology of Sleep, Human Physiology, Cell Biology, General Chemistry I, General Chemistry II, Organic Chemistry I, Organic Chemistry II, Endocrine Physiology, Human Reproduction, Principles of Genetics, Microbiology/Disease, Molecular/Cellular Biology.

Graduate research papers:

Microbiology: "*The Rise in Tuberculosis Cases*";

Cell Biology: "*Tay Sachs Disease*";

Endocrinology: "*Oncogenes and Hormonal Response*";

Genetics: "*Genetic Investigation into Life Cycles*";

Animal Behavior: "*The Effects of Overcrowding on Mice Behavior*".

Master's thesis:

"*Analysis of Gene Expression by Differential Display PCR for Early Detection of Prostate Cancer.*"

Peer-reviewed Publication:

Wang, Wang, Wong, Liu, Addivino, Liang, Chen, Kantoff, & Pardee, "*Two Differentially Expressed Genes in Normal Human Prostate Tissue & in Carcinoma*". Cancer Research. 56, 1996.

Williams College, Williamstown, MA

Baccalaureate (BA), Biology, 1983

Senior Research Project: Oncogenes, Electron Microscopy of Intercellular Junctions: "*The Role of Intercellular Junction Formation in Migrating Mesoderm Cells during Early Embryogenesis*".

Activities: Freshman Council Representative, Energy Conservation Committee, Emergency Room Volunteer at North Adams Regional Hospital, Emergency Room Volunteer at Melrose-Wakefield Hospital, Externship at New England Medical Center with Neurosurgeon Dr. R. Michael Scott

Amherst College, Amherst, MA

Twelve College Exchange Student – sophomore year, 1980-1981

University of Maryland, College Park, MD

Ph.D. Candidate, Molecular and Cell Biology Program, 1995-2001

Ph.D. dissertation (ABD): "*OG-2 Homeobox Gene Expression during Embryogenesis*".

Dissertation advisor: Nobel laureate Marshall Nirenberg

Courses: Advanced Nucleic Acids, Protein Structure & Function, Developmental Genetics, Molecular & Cell Biology Seminar, Regulation Cell Growth, Advanced Cell Biology, Biochemistry I, Eukaryotic Molecular Genetics, Biology of Cancer, Organic Chemistry & Lab.

EDUCATION

Continued

Boston University, Boston, MA

Medical Technology concentration, 1994-1995

Courses: Principles of Laboratory Instrumentation, Biochemistry, Biotechnology, Laboratory Automation & Robotics, Immunology Laboratory, Medical Terminology.

Curry College, Milton, MA

Mathematics & Physics, 1993-1995

Courses: Applied Math, Calculus II, Physics I, Physics II, Electricity & Generators, Statistics, Healthcare Law, Brain & Behavior, Radiation & Optics, Health Psychology, Internet Technologies.

Northfield Mount Hermon School, Northfield, MA

Diploma, 1979

Graduated with Academic Honors,
Received August E. Zschire Memorial Award: "*presented to student with the highest exemplification of persistence in loyalty and effort*"

PUBLICATIONS

Addivinola, F. (2001). *The Cloning and DNA Binding Motif of the Murine OG-2 Homeobox Gene*. University of Maryland, Graduate Research Interaction Day (GRID) **12**, Abstract and Oral Presentation. Honors with Distinction (1st Place) in University Oral Competition.

Addivinola, F. (2000). *OG-2 Homeobox Gene Temporal and Spatial mRNA Expression During Embryogenesis*. University of Maryland, Graduate Research Interaction Day (GRID) **11**, Abstract and Oral Presentation Competition.

Addivinola, F., Rovescalli, A., & Nirenberg, M., (1999). *OG-2 Homeobox Gene Alternative Spliced Transcripts During Embryogenesis*. University of Maryland, Graduate Research Interaction Day (GRID) **10**, Abstract and Oral Presentation Competition.

Addivinola, F. (1998). *OG-2 Homeobox Gene Expression During Embryogenesis*. University of Maryland, Graduate Research Interaction Day (GRID) **9**, Abstract and Oral Presentation.

Addivinola, F., (1997). *Strategic Management & Financial Planning for Early Detection of Prostate Cancer*. University of Maryland University College, MS in Technology Management Degree, Master's Thesis, 1997.

Addivinola, F., Rovescalli, A., & Nirenberg, M., (1997). *OG-2 Homeobox Gene Expression During Embryogenesis*. University of Maryland, Graduate Research Interaction Day (GRID) **8**, Abstract and Competition for Oral Presentation.

Wang, F., Wang, Y., Wong, W., Liu, Y., Addivinola, F., Liang, P., Chen, L., Kantoff, P., & Pardee, A., (1996). *Two Differentially Expressed Genes in Normal Human Prostate Tissue and in Carcinoma*. Cancer Research, **56**, 3634-3637.

Addivinola, F., (1996). *Analysis of Gene Expression by Differential Display PCR for Early Detection of Prostate Cancer*. Harvard University, ALM Master's Thesis, 1996.

Addivinola, F., Rovescalli, A., & Nirenberg, M., (1996). *The Regulatory Role of the OG-2 Homeobox Gene*. University of Maryland, Graduate Research Interaction Day (GRID) **7**, Abstract and Oral Presentation, Award 2nd Place in University Oral Competition.

**HONORS
AND AWARDS**

Scholarship, Doctoral Candidate,
Northeastern University, Boston, MA, 2010-present

Elected President, Graduate Student Association of Law, Policy and Society
Northeastern University, Boston, MA, 2011-2012

Dean's List
Suffolk University Law School, 2007-2009

Elected President, Federalists' Society
Suffolk University Law School, 2007-2008

Research Fellowship, National Institute of Health
Pre-IRTA TP-HL-129, National Heart, Lung and Blood Institute, NIH, 1995-2001

1st Place, Honors with Distinction,
Oral Competition, 12th Annual Gr. Research Interaction Day, Sigma Xi, 2001

Certificate of Achievement,
11th Annual Graduate Research Interaction Day, Sigma Xi, 2000

Certificate of Achievement,
10th Annual Graduate Research Interaction Day, Sigma Xi, 1999

Certificate of Achievement,
9th Annual Graduate Research Interaction Day, Sigma Xi, 1998

Certificate of Achievement,
8th Annual Graduate Research Interaction Day, Sigma Xi, 1997

Elected Member, Sigma Xi Scientific Research Society
University of Maryland Chapter, 1996-Present

2nd Place, Oral Competition,
7th Annual Graduate Research Interaction Day, Sigma Xi, April 1996

Certificate of Appreciation for Volunteer Service,
Dana Farber Cancer Institute, Boston, MA, April 1996

Outstanding Voluntary Service Award,
Dana Farber Cancer Institute, Harvard Medical School, 26 April 1995

Scholarship, Masters Degree Candidate,
E. A. Mellinger Educational Foundation, Illinois, 1995-2000

Scholarship, Masters Degree Candidate,
Harvard University, Cambridge, MA, 1995-1996

August E. Zschire Memorial Award: "*Highest exemplification of persistence in loyalty and effort*"
Northfield Mount Hermon School, Northfield, MA, 1979

**PROFESSIONAL
TRAININGS**

Career Education Corporation, 2008
Ethics: The Role We Play Everyday.
Ethics and Compliance: Demanding the Best of Ourselves and Others.

Builders Association of Greater Boston, Braintree, MA: Residential Building Principles, 1988

Bentley College, Waltham, MA: Massachusetts Real Estate Broker's Course, 1987

Harvard University Graduate School of Design, Cambridge, MA 1984–1985
Fundamentals of Real Estate Development and Financial Analysis; Real Estate Development and Finance for Large Scale Development; Fundamentals of Individual Federal Taxation; Developing Historic Properties; Residential Development; Estate Planning; Land Planning, Disposition and Development; Buying a Small Unit Investment Property; Real Estate Financing and Development; Condominium Development

Real Estate Securities and Syndication Institute, NY: Fundamentals of Real Estate Syndication, 1984

New York University Real Estate Institute, NY: Income Tax Aspects of Real Estate Transactions, 1984

American Institute of Real Estate Appraisal: Real Estate Appraisal Principles; Residential Valuation 1984

Coldwell Banker, Wellesley, MA: Real Estate Services Training Program, 1984

University of Massachusetts, Amherst, MA: Real Estate Principles, 1983

CONTINUING
LEGAL
EDUCATION

Patent Law Practice After The AIA. March 2013

Center for Advanced Legal Studies, Suffolk University Law School, Boston, MA

The evolution of the AIA legislation; U.S. Patent and Trademark Office (USPTO) rules implementing "first-inventor- to-file," post-issuance patent challenges, and other key AIA provisions; practical considerations in patent prosecution, transactions/due diligence, and intellectual property and patent litigation

Medical Malpractice: Current Issues in Physician, Medical Devices and Pharmaceutical Liability.

6th Bi-Annual Thomas F. Lambert, Jr. Conference. November 2012

Center for Advanced Legal Studies, Suffolk University Law School, Boston, MA

Digital marketing, brand licensing in sports, iconic rights, multi-media distribution, joint ownership production issues, fine arts consignment laws, copyright & trademark, artist centric contracts, non-profit or fiscal sponsorship, estate planning for working artists.

IP Entertainment Advertising/Marketing: Advising Clients in a Borderless Marketplace. October 2012

Center for Advanced Legal Studies, Suffolk University Law School, Boston, MA

The national picture on medical malpractice developments: recent Supreme Court cases, state tort reforms, drug industry immunity; Latest practice developments; MA health care reform; Medical malpractice cases from tribunal through trial.

Commercial Leasing. March 2012

Boston Bar Association, Boston, MA

Making the business deal, conditions to occupancy, economics, assignment & subletting, landlord/tenant relationship during lease term, modification options.

Critical Changes in Patent Law and Practice. February 2012

Center for Advanced Legal Studies, Suffolk University Law School, Boston, MA

Shifts regarding "subject matter", technological advances, the impact of patent reform, litigation strategies for the future.

A Criminal Lawyer's Guide to Practice in the Massachusetts District Courts. February 2012

Massachusetts Bar Association, Massachusetts School of Law, Andover, MA

Arraignments and bail hearings, revocation of bail requests and bail alternatives, discovery, pre-trial conference reports, motions, pleas, trial issues, sentencing.

Intellectual Property – Year in Review. January 2012

Boston Bar Association, Boston, MA

The panel of leading IP practitioners discussing the most important cases, legislation and developments in the IP law: patents, copyright, privacy, trademarks, Internet law.

Comprehensive Estate Planning: Techniques & Tweaks Under the MUPC. December 2011

Center for CLE & Academic Conferences, Suffolk University Law School, Boston, MA

Wills, inheritance & disinheritance, formalities, rules of construction, effect of marriage & divorce, executors' powers, tax apportionment, revocable trusts, irrevocable trusts, powers of attorney.

Developing an Estate Plan. July 2011

Massachusetts Bar Association, Boston, MA

Estate plan developing, estate tax, planning for long-term care (Medicaid), providing for minors.

Handling Depositions. July 2011

Massachusetts Bar Association, Boston, MA

Sample of a deposition, deposition strategy, preparation, issues, Mass. R. Civ. 30(b)(6).

Civil Motion Practice. July 2011

Massachusetts Bar Association, Boston, MA

Procedural requirements in the state, district, superior courts and U.S. District Court of Massachusetts, summary judgment under Court Rule 9A, reply briefs, dispositive motions, motions for summary judgment and motions to dismiss, discovery motions, injunctive relief, trial motions, drafting motions and conduction oral arguments.

Employment Law. July 2011

Massachusetts Bar Association, Boston, MA

Employment and labor law, statutes, case law.

**CONTINUING
LEGAL
EDUCATION**

Continued

District Court Guide – Civil Practice. July 2011

Massachusetts Bar Association, Boston, MA

Civil litigation in the district courts of Massachusetts, preparing cases for trial, motion practice, trials and appeals.

8th Annual Institute for the Young Business Lawyer. April 2011

American Bar Association, Boston, MA

Insights from legal luminaries, use of forms in secured transactions, consumer credit regulations, government subpoenas, LLCs, e-discovery, litigation.

The Land Court – Bench Meets Bar. April 2011

Boston Bar Association, Boston, MA

State of the Land Court, trying cases in the Land Court, foreclosures, conveying registered land.

Privacy Law in the Real World. April 2011

Boston Bar Association, Boston, MA

Privacy law and regulations at the state, federal and international levels, Massachusetts Data Security Regulations, the European privacy regulations, federal laws (HIPAA, Gramm-Leach-Bliley, FERP), FTC actions, PCI standards.

Health Care: Recent Developments in Legislation and Law Enforcement. April 2011

Boston Bar Association, Boston, MA

Latest developments and trends in health care law and enforcement: False Claims Act, FDA enforcement trends, criminal fraud, regulatory issues.

Life Sciences Industry 2011: Tech-Transfer, Partnering, Off-Label Promotion. April 2011

Boston Bar Association, Boston, MA

Legal issues important for small, mid-sized and larger life science companies, universities and non-profits such as: out-licensing, technology transfer issues, partnering and regulatory issues, the Park Doctrine and Individual Liability under FDCA.

Starting Up a New Business: Lessons from the Trenches and the Pros. April 2011

Center for CLE & Academic Conferences, Suffolk University Law School, Boston, MA

The Evolution of a Startup; The Benefits of the Advisory Team; Business and Legal Advice for Success: business entity choices, financing options and dividing the equity, relationships between parties, professional team, agreements (confidentiality, employment, buy-sell, intellectual property), ethical issues, conflicts of interest, fiduciary obligations.

New Theory of Tort Recovery, 5th Annual Thomas F. Lanbert, Fr. Conference. April 2011

Macaronis Institute for Trial & Appellate Advocacy, Suffolk Law School, Boston, MA

Social host liability, premises liability, medical liability, implications of new torts decisions, guidance on discovery, trial tactics, practice pointers, Massachusetts SJS as a tort trend-setter.

Accountable Care Organizations: What Do They Mean for Massachusetts? March 2011

Boston Bar Association, Boston, MA

Federal and state regulations regarding ACOs, trends in health care spending and reimbursements, options for structuring and forming ACOs, impact of ACOs on Massachusetts health care providers, health care providers' response to influences and challenges of ACOs.

Employment Law. March 2011

Boston Bar Association, Boston, MA

Laws affecting the workplace, hiring considerations and practices, managing the employment relationship, investigations into complaints of harassment and other conduct, leaves of absence, approaches to discipline, termination process, post-termination considerations and issues.

Superior Court - Bench Meets Bar 15th Annual Conference. March 2011

Boston Bar Association, Boston, MA

The BLS discovery pilot program, professional conduct, discovery motions, judge's role in encouraging settlements, Rule 9A summary judgment motions.

Elder Law Institute XVII. March 2011

Center for CLE & Academic Conferences, Suffolk University Law School, Boston, MA

Special issues, advanced planning for healthy single elders, healthy couples, crisis planning, practice management.

Challenging Judicial Independence. February 2011
Center for CLE & Academic Conferences, Suffolk University Law School, Boston, MA

Successor Liability: Environmental Issues, Veil Piercing and Alter Ego Theories. February 2011
Boston Bar Association, Boston, MA
Liability of new business/asset owners, environmental considerations, piercing corporate veil, alter ego, fraudulent transfers, insolvency and debt restructuring.

Commercial Real Estate Outlook for 2011. February 2011
Boston Bar Association, Boston, MA
New deals and availability of financing, restructures, commercial real estate market analysis.

Commercial Office Leasing. February 2011
Boston Bar Association, Boston, MA
Sticking points and traps in lease negotiations, common lease issues: condition of premises, surrender and holdover, repairs and maintenance, landlord services and remedies.

The Latest Developments in Intellectual Property Law. February 2011
Center for CLE & Academic Conferences, Suffolk University Law School, Boston, MA
Hot topics in copyright law, trademark law, review of Supreme Court and CAFC cases, application of Bilski (inequitable conduct, patent claim construction, design patents).

Elder & Special Needs Law: Special / Supplemental Needs Trusts – Taxes and Related Issues. Feb 2011
Center for CLE & Academic Conferences, Suffolk University Law School, Boston, MA
Recognition of special needs, basic benefits programs and their maximization, planning and drafting, distributions from special needs trust, tax issues.

Elder & Special Needs Law: Fiduciary Representation. February 2011
Center for CLE & Academic Conferences, Suffolk University Law School, Boston, MA
Fiduciary positions appointment/selection and dismissal, representing fiduciaries, fiduciary litigation over equity jurisdiction, elder abuse, MassHealth appeals.

Elder & Special Needs Law: Health & personal Care Planning, and Assessing Capacity. February 2011
Center for CLE & Academic Conferences, Suffolk University Law School, Boston, MA
Legal capacity vs. mental capacity, mock interviews to determine capacity, advance directives documents, guardianship & conservatorship, care and life sustaining choices for families.

Elder & Special Needs Law: Medicaid Planning, Long Term Care Insurance, Annuities. February 2011
Center for CLE & Academic Conferences, Suffolk University Law School, Boston, MA
Long term care planning, applying for long term care benefits, Medicaid for long term care, spousal income, real estate.

Elder & Special Needs Law: Public Benefit Programs. January 2011
Center for CLE & Academic Conferences, Suffolk University Law School, Boston, MA
Issues unique to elder law, of public benefit programs, Medicare, Social Security, VA benefits.

Representing Individuals Facing Foreclosure. October 2010
Massachusetts Bar Association, Boston, MA
Training on the new foreclosure law: residential foreclosure, tenant protection in foreclosures, title certification, foreclosure from buyer's perspective

Meet the Regulators: a Discussion with the Enforcers. May 2010
Boston Bar Association, Boston, MA
A panel of regulators in charge of enforcing HIPAA/HITECH requirements, the new Massachusetts Security Regulations, the FTC Red Flags Rule and new FTC privacy initiatives.

Transitional Strategies For Exploiting and Protecting IP Law. April 2010
Center for CLE & Academic Conferences, Suffolk University Law School, Boston, MA
Protecting and Commercializing IP, raising funds, business, cultural and financial issues of expanding into Europe and China, enforcement concerns for infringement in China and the EU.

States in the Vanguard: Protecting Consumers During the Financial Crisis. April 2010
Center for CLE & Academic Conferences, Suffolk University Law School, Boston, MA
State powers, consumer claims, foreclosures, loan modifications, toxic titles, tenants and issues.

**CONTINUING
LEGAL
EDUCATION**

Continued

Annual Conference 2010. March 2010

Massachusetts Bar Association, Boston, MA

2-day event with seminars on: compliance with Massachusetts Data Privacy Laws, social media for attorneys, developments in bankruptcy, real estate, tax law, employment law, juvenile, family and probate law, personal injury and insurance, criminal law, managing practice risks .

Elder Law Institute XVI. March 2010

Center for CLE & Academic Conferences, Suffolk University Law School, Boston, MA

Long-term care and Medicaid, estate & gift tax regime, annuities & planning, trusts, LLCs & FLPs.

Fair Housing: An Overview and Recent Developments. February 2010

Boston Bar Association, Boston, MA

The statutes governing fair housing, including accessible design issues; The historical context for the legal framework; Affirmative obligations related to fair housing; new developments at the state and federal level; The intersection of fair housing and affordable housing transactions.

2nd Annual Northeast Consumer Winter Forum. January 2010

Advanced Legal Studies, Suffolk University Law School, Boston, MA

Best practices in a Chapter 13 case; Current developments in mortgage modification; Best practices in a Chapter 7 case; U.S. Trustee's Office perspective; Current Washington Developments affecting consumer bankruptcy; Evidence Symposium.

Trusts and Estates Section Mid-Year Review. December 2009

Boston Bar Association, Boston, MA

Important transfer and income tax developments, review of important case law developments that affect Massachusetts estate planners.

Tools for Effective Legal Management, 7th Annual In-House Counsel Conference. December 2009

Massachusetts Bar Association, Boston, MA

Contract drafting: standard business agreements; Bankruptcy basics and options when customers, suppliers and key business partners are involved; Internal company controls over conflicts of interest and fraud, special investigations and committees; Selection and management of outside counsel, staffing strategies to achieve efficiency, ways to cut and control legal expenses.

How Changes in Patent Law Alter Patent Prosecution, Litigation and Licensing. September 2009

Center for Advanced Legal Studies, Suffolk University Law School, Boston, MA

Recent judicial decisions affecting patent law, changes in PTO rules, affects of proposed Rules/legislation, new local rules for patent cases; KSR and Bilski affects: drafting of claim, arguments made in prosecution, importance of examiner interviews, continuation practice; Practice before the BPAI; Update on pending national changes; Patent litigation practice: Statutory subject matter issues after Bilski, nonobviousness after KSR, latest trends in Reexamination and choice of forum issues.

The Latest in the Law 2009, Annual Conference. May 2009

Massachusetts Bar Association, Boston, MA

Criminal law update; Personal injury and insurance law update; Evidence update; Bankruptcy law update; Business law update: Data Privacy Act; Real estate law update; Malpractice avoidance and risk management.

The Impact of Patent Law on the Economy – Stimulus or Impediment? March 2009

Advanced Legal Studies, Suffolk University Law School, Boston, MA

Empirical analysis of the historical justification of Bayh-Dole Act; U.S. patent system impedes innovation – an empirical analysis; Breakdown of the public notice function of patents; Commentary by practicing patent attorneys; Patent misuse law and innovation; How patents shape the academic and commercial development of scientific research; Using patents to build collaborations as an alternative to hoarding.

Intellectual Property Essentials for Business Decision Makers. October 2008

Advanced Legal Studies, Suffolk University Law School, Boston, MA

**LEGAL
TRAININGS**

50th Anniversary of Gideon v. Wainwright – Honoring Indigent Defense in Massachusetts

Rappaport Center for Law and Public Service, Suffolk University Law School, Boston, MA. March, 2013

On the First Amendment and the Fourth Estate, 5th Annual Symposium

Advanced Legal Studies, Suffolk University Law School, Boston, MA March 2013

Looking Forward: The New Generation of Health Care, Annual Symposium

Rappaport Center for Law and Public Service, Suffolk University Law School, Boston, MA. March, 2013

Flashpoints in Federalism: Federal & State Sovereignty in Health Care, Immigration & Gay Marriage

Advanced Legal Studies, Suffolk University Law School, Boston, MA February 2012

Workout Series: Working with Special Servicers Following Defaults Under CMBS Loans. Jan 2012

Boston Bar Association, Boston, MA

To Be or Not to Be: Emerging Legal Questions and Ethical Issues, Advances, and Controversies in Assisted Reproductive Technology. March 2011

Suffolk University Law School, Boston, MA

Getting Your Emerging Company Clients' IP House in Order. February 2011

Boston Bar Association, Boston, MA

The New Massachusetts Homestead Law. February 2011

Boston Bar Association, Boston, MA

Meet the U.S. District Court Magistrate Judges. February 2011

Boston Bar Association, Federal Courthouse, Boston, MA

Charitable Board Service. April 2010

Boston Bar Association, Boston, MA

State & Local Tax Roundtable Discussion on Recent Tax Legislative Activities With Eileen McAnney, Associated Industries of Massachusetts. March 2010

Boston Bar Association, Boston, MA

The Patent Attorney's Lien: A Discussion of the SJC Decision in Ropes & Gray v. Jalbert; Practical and Ethics Issues with the Lien for Fees. February 2010

Boston Bar Association, Boston, MA

The Health Care Reform Evolution: A Political, Legal and Social Discussion. February 2010

Suffolk University Law School, Boston, MA

Overview of Chapter 21E Liens on Real Property. February 2010

Boston Bar Association, Boston, MA

Data Privacy. Law Practice Management Section Meeting, February 2010

Massachusetts Bar Association, Boston, MA

Dealing With the Downturn: Advice for Real Estate Lawyers. February 2010

Boston Bar Association, Boston, MA

Hot Topics: Thriving Practice Areas. February 2010

Boston Bar Association, Boston, MA

Elder and Disability Caselaw and Legislative Update. January 2010

Boston Bar Association, Boston, MA

The new HIPAA HITECH Act Breach Disclosure Requirements. January 2010

Boston Bar Association, Boston, MA

Introducing the Massachusetts Permitting Collaborative & ARRA Recovery Zone Bonds. December 2009

Boston Bar Association, Boston, MA

Shepard Fairey: Fair Use or Copyright Abuse? May 2009

Fish & Richardson P.C., Boston, MA

Reverse Payments – Balancing IP and Antitrust Concerns. May 2009

Greenberg Traurig, LLP, Boston, MA

Trial Court Orientation Forum. March 2009

District Court, Probate and Family Court, Juvenile Court, Boston Municipal Court

Massachusetts Bar Association, John Adams Courthouse, Boston, MA

**TEACHING
EXPERIENCE**

Northeastern University, Boston, MA

Lecturer & Lead Instructor: Introduction to Law, 9/10-present

Mount Ida College, Newton, MA

Adjunct Faculty: Fundamentals of Chemistry, General Chemistry I, Food & Toxicology, Anatomy & Physiology, Mathematics, 8/12-12/12

Quincy College, Quincy, MA

Adjunct Faculty: Orientation to Health Care, Medical Terminology, Biology I & Lab, Biology II & Lab, Microbiology & Microbiology Lab, Physical Science, Nutrition, Anatomy & Physiology 1/08-6/13

Lasell College, Newton, MA

Adjunct Faculty: Human Nutrition, Forensic Chemistry, Nutrition for Living, 9/08-12/11

Bay Path College, Burlington, MA

Adjunct Faculty: Physical Sciences, Biology, 3/10-9/10

Bay State College, Boston, MA

Adjunct Faculty: Genetics, Medical Ethics, 9/08-12/12

Career Education Corporation, Boston / Cambridge, MA

Adjunct Faculty: Biology, Nutrition, College Math, Mathematics I, Principles of Food, Beverage & Labor Cost Controls, 3/08-12/08

Johns Hopkins University, Baltimore, MD

Adjunct Faculty: Organic Chemistry for Biotechnology Masters Program, 2000-2001

Stanley Kaplan Education Center, Bethesda, MD

Test prep instructor: Medical College Admission Test (MCAT), Dental Admission Test (DAT), Pharmacy College Admission Test (PCAT), 1996-2001

University of Maryland, College Park, MD

Teaching Assistant in Molecular Biology Laboratory and Botany Laboratory, 1995-2001

Harvard University, Cambridge, MA

Teaching Fellow in Organic Chemistry, 1994-1995

Northfield Mount Hermon School, Northfield, MA

Teaching Fellow in Physics, 1994

**WORK & RESEARCH
EXPERIENCE**

AFA Investments, LLC, Boston, MA

Managing Member, 5/11-present

Law Office of Frank J. Addivinola, Jr., Boston, MA

Principal, 2009-present

Boston Science Review, Boston, MA

Editor in Chief, 2009-present

Odessa Group, Odessa Ukraine

Managing Director, 2001-2006

Analyzed and identified budgetary issues to optimize the financial performance of business operations, identified and addressed complex local and international tax issues, resolved financial proformas to meet targeted projections, developed methods for alternative dispute resolutions, used quantitative methods for financial and reporting.

WORK & RESEARCH EXPERIENCE

Continued

**National Institutes of Health (NIH),
National Heart Lung Blood Institute (NHLBI), Bethesda, MD**
Research Fellow at the Laboratory of Biochemical Genetics, 1995-2001
Lab Chief: Nobel laureate Marshall Nirenberg

Ph.D. Dissertation Research: “*OG-2 Homeobox Gene Expression during Embryogenesis*,”
Committee Member: Pre-IRTA NHLBI Institute, 1998-2001

Scientific & laboratory training:

In-situ Hybridization Techniques, laboratory course, Life Technologies, Rockville, MD

Using Animals in Intramural Research: Guidelines for Animal Users, NHLBI

Pattern Formation during Development, 62nd Symposium, Cold Spring Harbor, NY

Rodent Workshop: Hands-on Animal Techniques, Animal Care and Use in Biomedical Research

Rodent Surgery: Animal and Use Programs, NIH, Bethesda, MD

Molecular Genetics of Development, National Institutes of Health Conference, Airlie, VA

DNA-Binding Proteins, Transcriptional Regulators and Homeoboxes, NIH

GCG Sequence Analysis, Genetics Computer Group, Center for Information Technology, NIH

Radiation Safety Course Certification, NIH, RSB #31343

Certifications:

Laboratory Safety Workshops; University of Maryland Laboratory,

Animal Care and Use Training Program, University of Maryland & NIH

H & R Block Tax & Financial Services, Rockville and Gaithersburg, MD

Income Tax Preparer, 2000-2001

Certified tax preparer. Completed coursework and passed qualifying exams, prepared individual, joint and business worksheets and tax forms for clients' annual filing, developed and provided tax planning and strategies.

**Harvard Medical School, Dana Farber Cancer Institute,
Cell Growth & Regulation Laboratory, Boston, MA**

Laboratory Research Technician Volunteer, 1994-1995

Lab Chief: Dr. Arthur Pardee

Harvard University Radiation Safety Course, Certification #25737

OSHA Blood borne Pathogen Training Session

Molecular Biology technical skills:

Screen λ cDNA library, reverse transcription PCR (RT-PCR), *in situ* hybridization, cell culture, cell lysis, plasmid mini and maxi preparation, total RNA isolation, removal of genomic DNA contamination from RNA, differential display, recovery and re-amplification of cDNA probes, cloning and sequencing of cDNA probes, antibiotic confirmation of DNA insert, polymerase chain reaction (PCR) amplification, reverse transcription, restriction enzyme digestion, ligation, oligonucleotide primer purification, preparation of pre-hybridization solution, membrane wash to remove unhybridized radioactive probes, Northern blot analysis, cross-link and immobilize RNA membranes.

Immunology technical skills:

perform animal surgery and removal of tissue, splenectomy, culturing spleenocytes, preparation of antiserum, prepare an ELISA plate, inject antigen, Jerne plaque assays, measure total IgM synthesis by immunoassays, boost antigen in mouse, Ouchterlony and Mancini assays, immediate hypersensitivity assays, measure anti-DNP specific antibody by ELISA.

Instrumentation technical skills:

electron microscopy, centrifugation, optical density analysis, agarose and polyacrylamide gel electrophoresis, spectrophotometry, liquid and TLC chromatography, scintillation counter.

Sterling Management Company, Melrose, MA

Principal, 1983-1993

Ownership of 31 apartments and condominiums, managed and supervised staff of 17 employees and additional sub-contractors, revenue exceeding \$1,000,000 for years 1985-89, executed feasibility studies and financial analysis, negotiated profitable acquisition and secure financing, supervised renovations and oversee construction, matched and qualified prospective buyers for listings, prepared Purchase and Sales agreements, established two condominium associations, established By-Laws, rules and regulations of the Condominium Associations.

**VOLUNTEER
ACTIVITIES**

Harvard Club of Andover

Interviewer for Harvard College admission applicants, 10/2012-present

Pro Bono Legal Services

MA Housing Court, Federal District Court of Massachusetts,

U.S. Court of Appeals 1st Circuit, Volunteer Lawyers for the Arts of Massachusetts, 2010-2012

Pro bono work for individuals in need of legal representation

People to People Ambassadors Program, Shanghai and Beijing China

Microbiology & Biotechnology Specialists Delegate, 2001

Participated in presentations to facilitate scientific exchange between American and Chinese scientists for enhanced international biotechnology development and collaboration.

University of Maryland, College Park, MD

Advisor, Science Advisory Board & Congressional Liaison Committee, Virginia, 1998-2000

American Physical Society, Montgomery County, MD

Advisor, Teacher Scientist Alliance Program, 1997-1999

University of Maryland, College Park, MD

Advisor to undergraduates for Letter and Sciences Division, 1996-1999

Northfield Mount Hermon School, Northfield, MA

*Dorm resident advisor, college admission and academic excellence counselling,
long distance running coach, 1994*

Organized dorm activities and cultural enrichment programs, advisor for several college excursion visits and information session by enrolled students.

Rotary Club, Malden Chapter, MA

Volunteer, annual Thanksgiving dinner for the homeless, 1988-1992

MEMBERSHIPS

Harvard Club of Boston, 2012 – present

Harvard Club of Andover, 2012 – present

Harvard Club of the North Shore, 2012 – present

Boston Bar Association, 2008 – present

Massachusetts Bar Association, 2008 – present

American Intellectual Property Law Association, 2008 – 2010

American Bar Association, 2007 – present

Intellectual Property Law Students Association, 2006 – 2009

Sigma Xi Scientific Research Society, 1996 – 2004

American Association for the Advancement of Science, 1996 – 2002

American Chemical Society, 1996 – 2002

Society for Neuroscience, 1996 – 2002

LICENSURE

U.S. Supreme Court, admitted 2013

United States Tax Court, admitted 2012

U.S. District Court, Massachusetts, admitted 2012

U.S. Court of Appeals, First Circuit, admitted 2012

Notary Public, Massachusetts, 2/2012-present

Commonwealth of Massachusetts, admitted 2009

Massachusetts Real Estate Broker, 1985-present