

# Emily A. Dubuc, Esq.

## EDUCATION

### **JURIS DOCTOR**, Western New England University, 2016

Bar Admissions: MA admission 11/2017, NY admission pending 1/2017

Activities: Intellectual Property Law Association, President  
Women's Law Association, Vice President, Secretary  
International Trademark Association, Student Ambassador  
Health Law Association, Member

Coursework: Patent, Trademark, Intellectual Property and Internet, Bioethics, Patent Prosecution

Honors: Magna Cum Laude, 3.73  
Deans Award for outstanding contribution to the School of Law  
Abraham I. Smith Award for academic excellence in probate related courses  
Cali Awards: Trademark, Evidence, Closely Held Bus., Trusts & Estates, Sales, Prof. Responsibility, Family, Housing  
Student Bar Association Representative of the Year  
Public Interest Scholar Award for demonstrated commitment to public interest work

### **MASTER OF SCIENCE**, Engineering Management, Western New England University, 2016

Honors: GPA: 4.0

### **BACHELOR OF SCIENCE**, Biomedical Engineering, Western New England University, 2014

Activities: Biomedical Engineering Society, Vice President, Medical Device Assembly Volunteer  
Society of Women Engineers, President, Treasurer

Honors: Summa Cum Laude, 3.93  
Marston Engineering Award for most mature understanding of principles of professional engineering practice  
Biomedical Engineering Research Award for research at The Scripps Research Institute  
James v. Masi Biomedical Engineering Award for demonstrated appreciation for the societal role of an engineer  
Tau Beta Pi, Sigma Beta Tau, Alpha Lambda Delta, Omicron Delta Kappa

## WORK EXPERIENCE

### **HOFFMAN WARNICK, LLC**, Albany, NY

Present

*Associate Attorney*

Intellectual property law. Patent drafting and prosecution in a variety of technological fields.

### **HOLLAND AND BONZAGNI, PC**, Longmeadow, MA

2015-2016

*Law Clerk*

Practice drafting provisional and nonprovisional patent applications, client letters, office action responses and amendments. Performed legal research on topics including patent litigation, patent prosecution and copyright law. Experience with Westlaw and Lexis. Performed patent searches for prior art on WIPO, USPTO, and JPO sources. Assisted with litigation preparation: identification of infringing parties; claim feature and support charts; and Markman brief research. Organized client files including pending patent applications with most recent pending claims. Experience navigating through client files using CPi.

### **DEPARTMENT OF CODE ENFORCEMENT**, Springfield, MA

May-December 2014

*Law Clerk*

Drafted memoranda including petitions, orders and motions for enforcing Springfield, MA housing code. Prepared the docket and mediated cases in housing court, city-to-tenant and city-to landlord.

### **YWCA-WLA CLINIC**, Springfield, Massachusetts

2015-2016

Volunteered for and helped establish the Women's Law Association clinic providing awareness of legal routes and remedies to clients of the YWCA.

### **CATHOLIC CHARITIES LEGAL AID**, San Antonio, Texas

Spring 2015

Volunteered completing immigration forms for clients including employment authorization forms and visas.

### **THE SCRIPPS RESEARCH INSTITUTE**, La Jolla, CA

Summer 2013

*Intern, Fowler Lab, Department of Cell and Molecular Biology*

Published as second author in a 2014 Journal article titled "Alterations in thin filament length during postnatal skeletal muscle development and aging in mice." Journal: *Frontiers in Physiology*. First author David S. Gohkin. Identified unique process of thin filament development by statistical analysis of thin filament measurements using distributed deconvolution software. Prepared muscle samples for confocal microscopy, created lab protocols, participated in journal group, maintained records in lab notebook, and presented updates and findings at weekly meetings. Presented abstract and poster at the 2014 Annual Biomedical Engineering Society Conference in Seattle, WA.

**UNIVERSITY OF MASSACHUSETTS, AMHERST**, Amherst, MA

Summer 2012

*Intern, Hayward Lab, Dept. of Polymer Science and Engineering*

Designed and developed one-dimensional photonic colorimetric sensors from polymers via spin coating, masking, and crosslinking techniques. Successfully proved a novel fabrication method to be efficient and effective. Utilized d-SIMS and microscopy techniques to test the interfacial and surface, reversibility and kinetics, and temperature properties of the sensors. Presented findings at the CHM/SURE & MRSEC Undergraduate Summer Research Symposium.

### **ACADEMIC PROJECTS**

*Western New England University, School of Law*

#### **AUGUST A. RENDIGS NATIONAL PRODUCTS LIABILITY MOOT COURT**

2016

Worked with a partner to research and draft an appellate court brief on the pre-emption provision of the Medical Device Amendments to the FDA and personal jurisdiction over an international medical device company. Prepared and argued our client's case before a mock panel of judges in the 2016 Rendigs National Products Liability Competition, Cincinnati, OH.

#### **ABA NEGOTIATION MOOT COURT**

2015-2016

Placed 8<sup>th</sup> in the country following the National Preliminaries to advance as a National Semi-Finalist. Placed 3<sup>rd</sup> as a Regional Finalist and was invited to compete in the 2016 National Negotiation Competition in San Diego, California. Worked with co-counsel to negotiate on behalf of an assigned client using general and confidential information. Created a competition manual for future negotiation teams.

#### **APPELLATE MOOT COURT**

2014

Worked with co-counsel to research, draft and argue an appellate moot court brief on the applications and limits of the Indian Child Welfare Act and Existing Indian Family Doctrine.

### **ACADEMIC PROJECTS**

*Western New England University, College of Engineering*

#### **ENGINEERING MANAGEMENT PROJECT**

2016

*Applying Complex Network Measures of Brain Connectivity to Supply Chains*

Applied brain connectivity measures including integration, centrality, and resilience to compiled supply chain and financial data of ten corporations. Utilized MiniTab to perform statistical analysis to determine whether the complex network measures, as applied to the financial and supply chain data, are effective predictors of financial success or failure of a company.

#### **ENGINEERING SENIOR CAPSTONE PROJECT**

2013-2014

*Nerve Block Training Phantom for Use with Ultrasound Systems in Low-Resource Environments*

Followed FDA design controls by maintaining Design History File documents including FMEA/FMECA, Verification Validation, Net Present Value, Bill of Materials, Product Innovation Charter, and Global Considerations. Obtained IRB approval, maintained meticulous documentation, reported results and updates at weekly design reviews, and organized project timeline using Gantt charts. Received the 2014 Senior Project Poster Presentation Award. Drafted and presented an abstract and poster at the 2014 North Eastern Bioengineering Conference.

#### **LAB-ON-A-CHIP APPLICATIONS PROJECT**

2014

*Design and fabrication of a lab-on-a-chip prototype*

Lead a four person team to complete the preliminary design and prototyping of a lab-on-a-chip, point-of-care device for the detection of rotavirus in the saliva of infants. Presented results in technical report format. Utilized DraftSight and AutoCAD software to create an optimal chip layout which was outsourced to produce a mold using photolithography techniques. A prototype was derived from the mold using PDMS casting.

#### **GLOBAL HEALTH AND TECHNOLOGIES PROJECT**

2013

*Guatemala Service Trip*

Conducted medical device inventory and analysis at Hospital Nacional De Quetzaltenango. Performed volunteer work on small scale building construction, coffee plantation, and reforestation service projects.

### **PERSONAL**

Interests include Ashtanga yoga, outdoor sports & recreation, and painting & sketching.