



Jay Kugler DeYoung

Principal
Boston
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Overview

Jay Kugler DeYoung's practice emphasizes U.S. and foreign patent prosecution, opinion work, and strategic counseling, primarily in biotechnology and other life sciences. She focuses on helping academic and research institutions, hospitals, and small- to mid-sized biotech companies protect their cutting-edge and foundational scientific discoveries with strong intellectual property rights.

Jay's graduate work included cloning, mutating, and expressing potassium and chloride channels in mammalian cells and *Xenopus laevis* oocytes, as well as using biochemistry, electrophysiology, and fluorescence and confocal imaging to look at the function of those channels in living cells.

Jay's practice includes prosecution of patent applications in all areas of life sciences, such as cell and gene therapies; various technologies relating to microbial production of therapeutic and nutritional compounds; recombinant nucleic acid and protein products, and methods of producing and using them, including in therapeutics, foods, and nutraceuticals; methods of treating human and animal disease; transgenic animals and cell lines; immunology and virology (including viral vectors, methods of treating viral infections and producing viruses); and vaccines. Special areas of expertise include gene and genome editing (e.g., using CRISPR, TALEs, and ZFNs); translational and transcriptional modulation; stem cells and induced pluripotent stem cells; diagnostic, prognostic, and pharmacogenomic biomarkers (e.g., genomic, proteomic, and metabolic biomarkers); next generation sequencing; assays; therapies and diagnostics for autoimmune diseases, mental illnesses, and cancers, including immunotherapies for cancers such as the administration of antibodies or engineered cells; and molecular design and modeling of drugs.

Jay is chair of the firm's women's initiative, EMPOWER (Enrichment, Mentorship, Partnering, Opportunities, Wisdom, Excellence, and Responsibility), which promotes the recruitment, retention, and advancement of women on the firm's legal staff. As chair, Jay supports Fish's ongoing efforts to improve its culture of intentional inclusion. She leads the firm's biennial EMPOWER summits, which provide women at all experience levels throughout the firm with an opportunity to make meaningful connections with each other, and develops strategies to attract and retain women both at the firm and in the legal profession.

Recognitions & awards

Top Women of Law

Massachusetts Lawyers Weekly 2018

Up and Coming Lawyer

Massachusetts Lawyers Weekly 2011

Rising Star

Super Lawyers 2009-2010

Professional associations

Board of the Greater Boston Legal Services (GBLS)

Board of the Massachusetts Science and Engineering Fair (MSEF) Organization

Pro bono activities

Board of the Scituate Animal Shelter

Insights

Blog | December 13, 2023

Biden Administration Proposes March-In Rights Framework for Pharmaceutical Patents in Effort to Lower Drug Prices

Article | May 3, 2021

Letting Go of Stereotypes

News

News | March 4, 2024

John Adkisson Re-Elected to Second Term as President & CEO of Fish & Richardson

News | March 27, 2023

Fish & Richardson Honors Women's History Month with Biennial EMPOWER Summit

News | June 22, 2021

Fish & Richardson Named a 2021 "Best Law Firm for Women"

News | September 8, 2020

Fish & Richardson Named a 2020 "Best Law Firm for Women" by *Working Mother*

News | July 15, 2020

Fish Teams Up With Former NASA Astronauts to Create Virtual Space Camp

News | May 7, 2020

Jay Kugler DeYoung Named Chair of Fish & Richardson's EMPOWER Women's Initiative

Media Coverage | May 1, 2019

Spotlight on Flex – Jay Kugler DeYoung

The Diversity & Flexibility Alliance

News | August 9, 2018

Fish & Richardson Principal Jay Kugler DeYoung Named to 2018 "Top Women of Law" by *Massachusetts Lawyers Weekly*

News | May 4, 2011

Fish & Richardson Principal Named Massachusetts Lawyers Weekly 2011 "Up & Coming Lawyer"

Events

April 1, 2020

Science Club for Girls: 2020 Catalyst Awards

October 7, 2019

Mass. Eye and Ear's 10th Annual Sense-ation! Gala

October 18, 2018

2018 Mass Lawyers Weekly Top Women of Law

October 4, 2018

Mass Eye and Ear's 9th Annual Sense-ation! Gala

October 17, 2017

Massachusetts Eye and Ear: 2017 Sense-ation! Gala

February 24, 2017

Moffitt Cancer Center: Eleventh Annual Business of Biotech 2017 Conference

October 6, 2016

Massachusetts Eye and Ear: 2016 Sense-ation! Gala

October 12, 2015

6th Annual Massachusetts Eye and Ear Sense-ation! Gala

November 13, 2009

Evaluating and Protecting Your Biomarker and Diagnostic Discoveries: An Introduction to Patent Law

Additional insights

Speaking engagements

- ["Patent Eligible Subject Matter,"](#) (May 16, 2016)
 - ["Patents – Just the Basics"](#) *The Massachusetts Eye & Ear Infirmary and The Schepens Eye Research Institute* (March 2016)
 - ["Is My Project Patentable? \(And What Does that Really Mean?\),"](#) *Boston Children's Hospital* (June 2015)
 - "Practical 101," *Boston Seminar Series* (April 2015)
 - ["Recent Changes in U.S. Patent Law,"](#) *Mass Eye & Ear Infirmary and the Office of Intellectual Property & Commercial Ventures* (July 11, 2013)
 - ["Changes in U.S. and European Patent Law: What YOU Need to Know,"](#) *University of Massachusetts Commercial Ventures and Intellectual Property Case Managers Meeting* (February 2013)
 - ["The 'America Invents Act': What You Need to Know,"](#) *University of Massachusetts Commercial Ventures and Intellectual Property Case Managers Meeting* (October 2011)
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Services

Patent

Patent Prosecution

Patent Portfolio Management

IP Licensing, Transactions & Agreements

Industries

Life Sciences

Biotech & Diagnostics

Medical Devices

Pharmaceuticals

Academic Research & Medical Centers

Admissions

U.S. Patent and Trademark Office (2002)

Massachusetts (2001)

Education

M.S., Biology, University of Chicago (2001)

J.D., University of Chicago Law School (2000)

A.B., Russian Civilization, University of Chicago (1992)