

Dana M. Daukss

Senior Associate



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Practice Areas

Intellectual Property Protection
Life Sciences

Education

Boston University College of Engineering
ME (2014) *Biomedical Engineering*

University of New Hampshire
BS (2011) *summa cum laude*

Admissions

Massachusetts
U.S. Patent & Trademark Office

Dana Daukss draws on her academic training and professional experience in the life sciences and engineering industries to offer a unique, wide-ranging perspective to clients. In particular, she assists companies in the preparation and prosecution of patent applications, as well as freedom-to-operate analysis and due diligence reviews.

Industry Experience

Prior to joining Choate, Dana was a Senior Patent Analyst at the Global Prior Art Inc. in Boston. She supported patent prosecution and litigation in technical areas including drug delivery, physiological sensors, tissue engineering, orthopedic implants, and devices for endoscopic and endovascular surgery.

While working on her Master's degree in biomedical engineering from Boston University, Dana designed clinical solutions to improve abdominal aortic aneurysm repair, and conducted research into the mechanisms of bone healing and repair at the orthopedics lab at Boston University's Medical School.

Publications and Presentations

- "Patent watch: Microscale implantable drug delivery systems: emerging IP strategies," co-author, *Nature Reviews Drug Discovery* 15.11, 740-741, 2016
- "Role of Fas and Treg Cells in Fracture Healing as Characterized in the Fas-Deficient (lpr) Mouse Model of Lupus," co-author, *Journal of Bone and Mineral Research*, 29(6), 1478-1491
- "Effects of lamprey PQRamide peptides on brain gonadotropin-releasing hormone concentrations and pituitary gonadotropin- β mRNA expression," first-author, *General and comparative endocrinology*, 177(2), 215-219
- "Evolutionary origin of the structure and function of gonadotropin-inhibitory hormone: insights from lampreys," co-author, *Endocrinology*, 153(5), 2362-2374