



SpencerFane®

Elyssa Warner

Associate

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Overview

Elyssa Warner focuses her practice on intellectual property matters for life sciences clients, bringing a distinctive perspective that bridges science, law, and policy. She draws on her multidisciplinary background to conduct rigorous, in-depth analyses of complex legal questions and to provide thoughtful, sophisticated guidance tailored to her clients' needs.

With a Ph.D. in biomedical science and postdoctoral research experience at the National Institutes of Health, Elyssa understands the complex technologies that underpin her clients' businesses and can quickly grasp the scientific nuances behind cutting-edge innovations. She has also worked in science policy and communications roles supporting federal clients, giving her firsthand insight into the regulatory and governmental frameworks that influence research, development, and commercialization in the life sciences industry.

Elyssa subsequently earned her law degree, graduating as valedictorian of her class. Her scientific training, legal education, and experience working with federal clients give her a deep understanding of the technical, legal, and regulatory issues that shape the life sciences industry. She is committed to helping life sciences companies, research institutions, and innovators protect their intellectual assets and advance their business goals with confidence.

Education

- Saint Louis University School of Law, 2026 (J.D.), *Valedictorian*
- University of California, San Diego, 2009 (Ph.D.)
- Northwestern University, 2003 (B.A.)

Bar Admissions

- Missouri, 2026
- Colorado, 2026

Community Involvement

- St. Louis Country Dancers

Distinctions

- Woolsack Honor Society
- Alpha Sigma Nu Honor Society

Presentations and Publications

- "Drosophila Social Clustering is Disrupted by Anesthetics and in *narrow abdomen* Ion Channel Mutants," *Genes, Brain and Behavior*, Vol. 12, No. 3, 2013
- "Tetramerization Domain Mutations in KCNA5 Affect Channel Kinetics and Cause Abnormal Trafficking Patterns," *American Journal of Physiology: Cell Physiology*, Vol. 298, No. 3, March 2010
- "Hypoxia Selectively Inhibits KCNA5 Channels in Pulmonary Artery Smooth Muscle Cells," *Annals of the New York Academy of Sciences*, Vol. 1177, October 2009
- "Perturbing Dynamin Reveals Potent Effects on the Drosophila Circadian Clock," *PLOS ONE*, Vol. 4, No. 4, 2009
- "Potassium Channels in the Regulation of Pulmonary Artery Smooth Muscle Cell Proliferation and Apoptosis: Pharmacotherapeutic Implications," *British Journal of Pharmacology*, Vol. 153 (Suppl. 1), March 2008
- "A Tetramerization Domain Mutation in KCNA5 Identified in Pulmonary Arterial Hypertension Patients Causes Dysfunctional K⁺ Currents," *Circulation*, Vol. 116, No. 16 (Supp.), October 2007
- "Functional Characterization of Voltage-Gated K⁺ Channels in Mouse Pulmonary Artery Smooth Muscle Cells," *American Journal of Physiology: Cell Physiology*, Vol. 293, No. 3, September 2007
- "Potassium Channels in the Regulation of Pulmonary Artery Smooth Muscle Cell Proliferation and Apoptosis," *Life Sciences 2007*, Glasgow, Scotland, 2007
- "Function of Kv1.5 Channels and Genetic Variations in KCNA5 in Patients with Idiopathic Pulmonary Arterial Hypertension," *American Journal of Physiology: Cell Physiology*, Vol. 292, No. 5, May 2007
- "Perturbing Vesicle Traffic Reveals Potent Effects on Circadian Period in Drosophila," *Society for Research on Biological Rhythms Program and Abstracts*, No. 91, Sandestin, Florida, 2006
- "Suggestive Evidence for Association of the Circadian Genes *Period3* and *Arntl* With Bipolar Disorder," *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, Vol. 141B, No. 3, April 2006
- "Acute Hypoxia Selectively Inhibits KCNA5 Channels in Pulmonary Artery Smooth Muscle Cells," *American Journal of Physiology: Cell Physiology*, Vol. 290, No. 3, March 2006
- "K⁺ Channels in Apoptosis," *Journal of Membrane Biology*, Vol. 209, No. 1, January 2006
- "Diversity of Voltage-Dependent K⁺ Channels in Human Pulmonary Artery Smooth Muscle Cells," *American Journal of Physiology: Lung Cellular and Molecular Physiology*, Vol. 287, No. 1, July 2004
- "A Midwestern Double Modal," *Proceedings of the 36th Annual Meeting of the Chicago Linguistic Society*, Vol. 2, 2001