



Julie L. Heinrich, PhD

Counsel

Focusing broad experience in client counseling, portfolio management, and patent prosecution on every client project

Julie L. Heinrich, PhD, brings a wealth of patent prosecution and counseling experience to the firm's clients. Her career has focused primarily in the chemical area, but she has also handled matters involving a wide range of technologies, including medical devices, drug delivery systems, polymers, and electronically conductive polymers for use in advanced organic based electronic devices, such as OLEDs.

Julie began her legal career as a full time patent agent and part time law student, working at various firms including Foley and Lardner and Finnegan. Julie left private practice to work for Plextronics, Inc., a start-up company that is now part of Solvay, SA. Most recently, Julie has served as Senior Intellectual Property Counsel for NOVA Chemicals, Inc. where she participated in strategic development for the company's intellectual property to deliver business value and stay aligned with the company's overall goals.

Over her career, Julie has amassed experience in client counseling, patent estate management, contract drafting and negotiation, and process development (that met certification standards). These skills have enabled her to assist clients and organizations to protect their intellectual property assets and implement continuous improvement processes.

Julie earned a BS in Chemistry from Miami University in Oxford, OH, and her PhD in Chemistry from the University of California at San Diego. She earned her JD from Santa Clara School of Law, where she graduated cum laude, in the top 10% of her class and was inducted as a member of the Order of the Coif. Elizabeth Cisar, PhD, focuses her practice on patent drafting and US and foreign patent prosecution. She also provides patent portfolio strategy and assists with due diligence investigations, as well as patentability, validity, and infringement analyses. Elizabeth evaluates clients' business priorities and the competitive landscape when optimizing intellectual property protection.

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Admissions
Pennsylvania
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Education
Miami University, Ohio
BS, Chemistry 1990

University of California, San Diego, Inorganic Chemistry, 1996

Santa Clara University Law School, JD 2007 *cum laude*, Order of Coif

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Selected Publications

“The Effect of Surfactants on the Reactivity and Photophysics of Luminescent Nanocrystalline Porous Silicon,” *Adv. Funct. Mater.* 12, 495-500, 2002 (coauthor).

“Manganese-Chromium-Cyanide Clusters: Molecular $\text{MnCr}_6(\text{CN})_{18}$ and $\text{Mn}_3\text{Cr}_6(\text{CN})_{18}$ species and a related $\text{MnCr}_3(\text{CN})_9$ chain compound,” *J. Solid State Chem.*, 159, 293-301, 2001 (coauthor).

“High-nuclearity metal-cyanide clusters: Assembly of a $\text{Cr}_8\text{Ni}_6(\text{CN})_{24}$ cage with a face-centered cubic geometry”, *J. Am. Chem. Soc.*, 122(40), 9655-9662, 2000 (coauthor).

“Molecular Prussian Blue analogues: synthesis and structure of cubic $\text{Cr}_4\text{Co}_4(\text{CN})_{12}$ and $\text{Co}_8(\text{CN})_{12}$ clusters”, *Chem. Commun.*, 11, 1231-1232, 1998 (coauthor).

“Luminescent porous silicon: Synthesis, chemistry, and applications”, *Semiconductor Nanoclusters – Physical, Chemical, and Catalytic Aspects*, 103, 209-235, 1997 (coauthor).ent *Staphylococci*,” *Chembiochem* 8(8): 847-55 (2007) (coauthor).