

Steven Hanna

ASSOCIATE

Patents and
Innovations
San Diego

steven.hanna@wsgr.com
415-947-2483



FOCUS AREAS

Intellectual Property
Life Sciences
Patents and Innovations

EXPERIENCE

Dr. Steven Hanna is an associate in the San Diego office of Wilson Sonsini Goodrich & Rosati, where he is part of the patents and innovations practice. He drafts and prosecutes patent applications and assists with freedom-to-operate analyses and IP diligence, primarily in the fields of chemistry, pharmaceuticals, and biotechnology.

Steven attended law school while practicing as a registered patent agent through Wilson Sonsini's PALS scholarship program.

Prior to joining Wilson Sonsini, Steven received his Ph.D. from UC Berkeley in the lab of Professor John F. Hartwig. Steven's doctoral research focused on tandem catalytic processes involving olefins. Through this research, he developed a strong background in organic synthesis, synthetic methodology, and transition-metal catalysis. Steven has co-authored six scientific publications, including a co-first author paper published in *Science*.

CREDENTIALS

Education

- J.D., University of San Diego School of Law
Summa Cum Laude (graduated second in a class of 234 students); Concentration in IP and Technology Law; Recipient, CALI Awards (highest score) in Patent Law, Trade Secrets, Transactional IP, Trademarks, Corporations, and other subjects
- Ph.D., Chemistry, University of California, Berkeley
Chevron Predoctoral Fellow; Finalist, Merck Compound Challenge
- B.S., Chemistry, Georgia Institute of Technology
With Highest Honors; Recipient, Zell Miller Scholarship; Recipient, William H. Eberhardt Scholarship

Admissions

- State Bar of California
- U.S. Patent and Trademark Office

INSIGHTS

Select Publications

- Co-author with R.J. Conk, J.X. Shi, J. Yang, N.R. Ciccina, L. Qi, B.J. Bloomer, S. Heuvel, T. Wills, J. Su, A.T. Bell, and J.F. Hartwig, "Catalytic deconstruction of waste polyethylene with ethylene to form propylene," 377(6615) *Science* 1561-1566, September 29, 2022
- Co-author with B. Bloomer, N.R. Ciccina, T.W. Butcher, R.J. Conk, and J.F. Hartwig, "Contra-Thermodynamic Olefin Isomerization by Chain-Walking Hydroboration and Dehydroboration," 24 *Org. Lett.* 1005-1010, 2022

- Co-author with T. Wills, T.W. Butcher, and J.F. Hartwig, "Palladium- Catalyzed Oxidative Dehydrosilylation for Contra-Thermodynamic Olefin Isomerization," 10 *ACS Catal.* 8736–8741, 2020
- Co-author with T.W. Butcher and J.F. Hartwig, "Contra-Thermodynamic Olefin Isomerization by Chain-Walking Hydrofunctionalization and Formal Retro-Hydrofunctionalization," 21 *Org. Lett.* 7129-7133, 2019
- Co-author with J.C. Holder and J.F. Hartwig, "Multicatalytic Approach to the Hydroaminomethylation of α -Olefins," 58 *Angew. Chem. Int. Ed.* 3368-3372, 2019
- Co-author with B. McLarney, D. Musaev, and S. France, "Predictive Model for the $[\text{Rh}_2(\text{esp})_2]$ -catalyzed intermolecular $\text{C}(\text{sp}^3)\text{-H}$ Bond Insertion of β -Carbonyl Carbenes: Interplay Between Theory and Experiment," 9 *ACS Catal.* 4526-4538, 2019

TECHNICAL FLUENCY

Therapeutics and Drug Discovery

- Small molecule synthesis
- Small molecules

Chemistry and Material Science

- Catalysis
- Chemical synthesis
- Chemistry
- Chemoenzymatic synthesis
- Green chemistry
- Organic chemistry
- Organometallics
- Polymers
- Process chemistry
- Supramolecular chemistry

Miscellaneous

- Formulations