

Robin A. Weatherhead, Ph.D.

PROFESSIONAL EXPERIENCE

2003–PRESENT

Admitted to the Patent Bar, USPTO Registration No. 60,141

Wolf Greenfield & Sacks P.C., Boston, Massachusetts

September 2010 – Present

Patent Agent and Concurrent Suffolk University Law Student

Representative matters include

- Working with a range of clients, including academic institutions and biotech/pharmaceutical companies
- Evaluation of new data and research efforts, culminating in the drafting and filing of new patent applications, specifically in the area of small molecules, polymers, polymorphs, organometallics, synthetic organic processes and methods, and pharmaceutical formulations
- Prosecution of various patent applications and patent portfolios, and in particular,
 - Preparation and filing of responses and appeals to Office Actions from US and foreign patent offices
 - Filing new applications based on an evaluation of data, existing patent coverage, and client needs
- Due diligence prior to, during, and after issuance of patent, and in particular,
 - Prior art searches using commercial databases, such as CAS and PatBase, as well as publically accessible databases, including the USPTO and WIPO databases
 - Evaluation of freedom to operate and patentability of inventions, patent applications, and issued patents
- Inventorship analyses
- Correction of issued patents and patent term

Committee Activities

- Wolf, Greenfield & Sacks Client Acceptance Committee, January 2015 – present
- Wolf, Greenfield & Sacks Associates Committee, June 2014 – present
- Wolf, Greenfield & Sacks Hiring Committee, September 2012 – present
- Wolf, Greenfield & Sacks Hiring Sub-Committee, September 2013 – present

External Activities

- Invented Here! Judge, June 2013 – August 2013
- Boston Patent Law Association (BPLA) Member, September 2012 – present

Patent Agent

Representative matters include

- Managing existing small molecule patent portfolio within the areas of cancer, pain, and inflammation
- Attending weekly internal meetings with chemists and biologists to evaluate patentability and direction of research
- Preparation of patent applications directed to new areas of research, such as new composition of matter, polymorphs, and synthetic methods
- Work with outside counsel drafting and filing of responses and appeals to Office Actions from US and foreign patent offices
- Due diligence
 - Freedom to operate and patentability analyses of internal research efforts
 - Evaluation of external patent portfolios for in-licensing and/or business development
 - Competitive intelligence research

Staff Scientist and Patent Agent

Representative matters include

- Working with a range of clients, including academic institutions and biotech/pharmaceutical companies
- Prosecution of various patent applications and patent portfolios, and in particular,
 - Preparation of responses to Office Actions from US and foreign patent offices
 - Filing new applications
- Due diligence prior to, during, and after issuance of patent, and in particular, evaluation of file history, and freedom to operate and patentability of inventions, patent applications, and issued patents

Technology Specialist

Research Assistant in the laboratory of Professor Corey, 1990 Nobel Laureate in Chemistry

- Explored new Rh(II) catalyzed methodology; synthesis of new Rh(II) catalysts
- Acted as Corey group X-ray crystallographer

EDUCATION

1993–PRESENT

Suffolk University Law School, Boston, Massachusetts

September 2011 – Present

J.D. 2015 Candidate, Cumulative GPA: 3.60 (4.0 scale), Class rank: 20/143

Academic Honors and Activities

- Suffolk University Law School National IP LawMeet Team, June 2014 – October 2014
- Dean's List, Suffolk University Law School, Fall 2011 – present

Legal Writing

- “Investigating Inherency: Inception to AIA” Weatherhead, Robin A, *Journal of the Patent & Trademark Office Society*, (2015) 97: 26-56.

University of Arizona, Tucson, Arizona

September 1997 – February 2003

Ph.D., Chemistry, GPA: 3.52 (4.0 scale), in the laboratory of Professor Eugene A. Mash
Doctoral training in the fields of organic syntheses and crystallographic analyses

Doctoral Thesis

- “Indane 2,5–Diketopiperazine Synthons as Probes of Solid, Solution and Gas Phase Supramolecular Non–Covalent Associations. Synthesis, Characterization, and Analysis of Indane Amino Acids, Unnatural bis–Amino Acids, Indane 2,5–Diketopiperazines and Indane bis–2,5–Diketopiperazines” Kloster, Robin A., Diss, University of Arizona, 2003, *Proquest Digital Dissertations*, The University of Arizona Campus Repository.

Academic Honors

- GenCorp Research Fellowship, 2000 – 2001
- University of Arizona Graduate College Fellowship, 1997 – 1998

Mount St. Mary's University, Emmitsburg, Maryland

September 1993 – May 1997

B.S., Biochemistry, GPA: 3.87 (4.0 scale), *summa cum laude*

Honors Thesis

- “Preliminary Investigations of Morphological Changes in Surfactant Systems below the CMC using UV–VIS Spectroscopy,” Kloster, Robin A., Mount St. Mary's University Archives, 1997.

Academic Honors

- Academic Scholarship, 1993 – 1997
- George Henry Miles Honors Society, 1993 – 1997
- Dean's List and/or National Dean's List, 1993 – 1997

- ACS POLYED Award for Achievement in Organic Chemistry, 1996
- Honors in Chemistry, Commencement 1997
- Honors in Literature, Commencement 1997

Academic Activities

- Chemistry Internship, Department of Agriculture, Bethesda, MD, 1996
- Co-founder, Mount Saint Mary's University ACS Chapter, 1996

Athletic Honors and Activities

- Athletic Scholarship, 1993 – 1997
- Division I Cross-Country and Indoor/Outdoor Track & Field, 1993 – 1997
- Northeast Conference Cross-Country Women's Champion, 1995
- Northeast Conference All-Conference Selection, 1994, 1995, 1996

PUBLICATIONS AND PRESENTATIONS

Patent Related

- “Investigating Inherency: Inception to AIA” Weatherhead, Robin A, *Journal of the Patent & Trademark Office Society* (2015) 97: 26-56.
- “Written Description Precludes Fishing Expedition, *Novozymes v. DuPont Nutrition* (decided July 22, 2013)” Weatherhead, Robin A., Wolf, Greenfield & Sacks Online Newsstand and Internal Presentation, July 2013.
- “Federal Circuit Finds Inequitable Conduct For Failure to Cite Prior Art Under the Heightened Therasense Standard, *Aventis Pharma v. Hospira* (decided April 9, 2012)” Weatherhead, Robin A., Wolf, Greenfield & Sacks Online Newsstand and Internal Presentation, June 2012.
- “Recent Patents for Hedgehog Pathway Inhibitors for the Treatment of Malignancy” Tremblay, Martin R.; Nesler, Michael; Weatherhead, Robin; Castro, Alfredo C.; *Expert Opinion on Therapeutic Patents* (2009) 1039–1056.

Post-Doctoral Publications

- “Theory-Guided Discovery of Unique Chemical Transformations of Cyclopropenes” Weatherhead-Kloster, Robin A.; Corey, E. J. *Organic Letters* (2006) 8:171–174.
- “A New Chiral Rh(II) Catalyst for Enantioselective [2+1]–Cycloaddition. Mechanistic Implications and Applications” Lou, Yan; Horikawa, M.; Kloster, Robin A.; Hawryluk, Natalie A.; Corey, E. J. *Journal of the American Chemical Society* (2004) 126:8916–8918.

Graduate Publications

- “Organic Crystal Engineering with 1,4–Piperazine–2,5–diones. 8. Synthesis, Crystal Packing, and Thermochemistry of Piperazinediones Derived from 2–Amino–4,7–dialkoxyindan–2–carboxylic Acids” Wells, K.E.; Weatherhead, R. A.; Murigi, F. N.;

Nichol, G. S.; Carducci, M. D.; Selby, H. D.; Mash, E. A. *Crystal Growth Design* (2012) 12:5056–5068.

- "Synthesis of Conformationally Constrained Diaminodicarboxylic Acid Derivatives" Weatherhead, R. A.; Carducci, M. D.; Mash, E. A. *Journal of Organic Chemistry* (2009) 74:8773–8778.
- "Organic Crystal Engineering with 1,4-Piperazine–2,5-diones. 6. Studies of the Hydrogen Bond Association of Cyclo[(2-Methylamino–4,7-dimethoxyindan–2-carboxylic Acid)(2-Amino–4,7-dimethoxyindan–2-carboxylic Acid)]" Weatherhead-Kloster, Robin A.; Selby, H. D., Miller, W. B., Mash, E. A. *Journal of Organic Chemistry* (2005) 70:8693–8702.
- "Crystal Engineering of a Liquid Crystalline Piperazinedione" Kloster, R. A.; Carducci, M. D.; Mash, E. A. *Organic Letters* (2003) 5:3683–3686.
- "Organic Crystal Engineering with Piperazine–2,5-diones. 1. Crystal Packing of Piperazinediones Derived from Substituted 2-Aminoindane–2-carboxylic Acids" Williams, L. J.; Jagadish, B.; Kloster, R. A.; Lyon, S. R.; Carducci, M. D.; Mash, E. A. *Tetrahedron* (1999) 55:14281–14300.

Graduate Presentations

- "Self-Assembly of *bis*-Piperazine–2,5-diones in the Solid State," Kloster, R.A.; American Chemical Society National Meeting, San Diego, California, April 1–5, 2001.
- "Crystal Engineering of Piperazine–2,5-diones," Kloster, R.A.; Carl S. Marvel Symposium, University of Arizona, Tucson, Arizona, March 11–13, 2001.
- "Developments in the Asymmetric Epoxidation of Unfunctionalized Olefins Using Chiral Dioxiranes," Kloster, R.A.; University of Arizona, Tucson, Arizona, September 11, 2000.
- "Recent Advances in Stille Coupling," Kloster, R.A.; University of Arizona, Tucson, Arizona, October 23, 1998.