

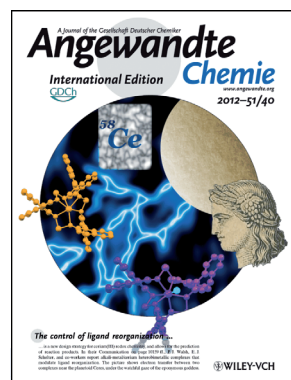


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P. J. Walsh

The author presented on this page has recently published his **10th article** in *Angewandte Chemie* in the last 10 years:

“Chemo- and Regioselective C(sp³)–H Arylation of Unactivated Allylarenes by Deprotonative Cross-Coupling”: N. Hussain, G. Frensch, J. Zhang, P. J. Walsh, *Angew. Chem.* **2014**, *126*, 3767–3771; *Angew. Chem. Int. Ed.* **2014**, *53*, 3693–3697.



The work of P. J. Walsh has been featured on the back cover of *Angewandte Chemie*:

“The Impact of Ligand Reorganization on Cerium(III) Oxidation Chemistry”: J. R. Robinson, P. J. Carroll, P. J. Walsh, E. J. Schelter, *Angew. Chem.* **2012**, *124*, 10306–10310; *Angew. Chem. Int. Ed.* **2012**, *51*, 10159–10163.

Patrick J. Walsh

Date of birth:	January 30, 1964
Position:	Alan MacDiarmid Professor of Chemistry, University of Pennsylvania
E-mail:	pwalsh@sas.upenn.edu
Homepage:	http://titanium.chem.upenn.edu/walsh/index.html
Education:	1986 BA in chemistry, University of California (UC), San Diego 1991 PhD with Robert G. Bergman, UC, Berkeley 1991–1994 NSF Postdoc with Prof. K. Barry Sharpless, The Scripps Research Institute, La Jolla
Awards:	2000–2005 Camille Dreyfus Teacher-Scholar Award; 2006 Philadelphia Section Award of the ACS; 2010 Abbott Lecture, UC Berkeley; 2011 Novartis Lecture, UC Irvine
Current research	Asymmetric catalysis; organometallic chemistry; method development
Hobbies	Cycling, Spanish, Chinese, working with concrete, buying and selling real estate

The most exciting thing about my research is ... my research team is highly motivated, passionate about science, and rapidly generates interesting results.

My biggest motivation is ... the thrill of doing more innovative science than we did last week.

The downside of my job is ... doing more chemistry with less funding. So far, so good!

The most rewarding chemistry adventure in my career has been ... what started as a quest to help raise the level of chemical education in Mexico. In 1996 I started collaborating with Mexican chemists at Centro de Graduados e Investigación (Tijuana) and now have published over 20 joint manuscripts with Mexican scientists. This has been an extremely rewarding and valuable experience for me.

My favorite quote is ... “Le hasard favorise les esprits préparés” (“fortune favors the prepared mind”; Louis Pasteur).

The biggest problem that scientists face is ... education of the public. Without this it will be difficult to solve important issues that impact technology and the environment.

What I look for first in a publication is ... creative solutions to challenging problems.

My favorite place on earth is ... anywhere with my family.

I chose chemistry as a career because ... I love puzzles and working with my hands.

If I were not a scientist, I would be ... a real estate tycoon. Buy low, sell high!

My most exciting discovery to date has been ... people will pay you to have fun in the lab!

The hardest thing I have done in my life is ... learning Chinese.

My 5 top papers:

1. “NiXantphos: A Deprotonatable Ligand for Room-Temperature Palladium-Catalyzed Cross-Couplings of Aryl Chlorides”: J. Zhang, A. Bellomo, N. Trongsiwat, T. Jia, P. J. Carroll, S. D. Dreher, M. T. Tudge, H. Yin, J. R. Robinson, E. J. Schelter, P. J. Walsh, *J. Am. Chem. Soc.* **2014**, *136*, 6276–6287. (Who would have thought this would work?)
2. “Diaryl Sulfoxides from Aryl Benzyl Sulfoxides: A Single Palladium-Catalyzed Triple Relay Process”: T. Jia, A. Bellomo, S. Montel, M. Zhang, K. EL Baina, B. Zheng, P. J. Walsh, *Angew. Chem.* **2014**, *126*, 264–268; *Angew. Chem. Int. Ed.* **2014**, *53*, 260–264. (A single catalyst promotes four reactions simultaneously!)
3. “Tuning Reactivity and Electronic Properties through Ligand Reorganization within a Cerium Heterobimetallic Framework”: J. R. Robinson, Z. Gordon, C. H. Booth, P. J. Carroll, P. J. Walsh, E. J. Schelter, *J. Am. Chem. Soc.* **2013**, *135*, 19016–19024. (One of several exciting projects in collaboration with my outstanding colleague Prof. Eric Schelter.)
4. “Chelation-Controlled Addition of Organozincs to α -Chloro Aldimines”: G. R. Stanton, P.-O. Norrby, P. J. Carroll, P. J. Walsh, *J. Am. Chem. Soc.* **2012**, *134*, 17599–17604. (One of a series of articles that have redefined the paradigm in Felkin–Ahn vs. Cram chelation-controlled additions.)
5. “Optimization of Catalyst Enantioselectivity and Activity Using Achiral and Meso Ligands”: A. M. Costa, C. Jimeno, J. Gavenonis, P. J. Carroll, P. J. Walsh, *J. Am. Chem. Soc.* **2002**, *124*, 6929–6941. (Demonstration that chiral conformations of achiral ligands can dominate catalyst enantioselectivity.)

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