

William Draper Harkins

(1873 – 1951)

Ph.D. Stanford University 1907 ^{1,2,3,4}

Dissertation: Papers on Smelter Smoke & The Marsh Test and Excess Potential. ²

Advisors: Robert Eccles Swain ⁵
John Maxson Stillman ²

Student: Henry Winston Newson ⁶

Professional Experience: ^{1,3,4}

1898 – 1900	Stanford
1900 – 1912	Montana
1912 – 1939	Chicago

Notes:

¹ William Draper Harkins. In *World who's who in science: a biographical dictionary of notable scientists from antiquity to the present*, 1st ed.; Debus, A. G., Ed.; Marquis-Who's Who: Chicago, IL, 1968; p 754.

² Harkins, W.D. Papers on smelter smoke & The marsh test and excess potential. Ph.D. Thesis, Stanford University, 1907.

Harkins, W.D.; Swain, R.E. Papers on smelter smoke: the determination of Arsenic and other solid constituents of smelter smoke, with a study of the effects of high stacks and large condensing flues. *J. Am. Chem. Soc.* **1907**, 29, 970.

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Swain, R.E.; Harkins, W.D. Papers on smelter smoke: arsenic in vegetation exposed to smelter smoke. *J. Am. Chem. Soc.* **1908**, *30*, 915.

"The writers wish to express their indebtedness to Dr. John Maxson Stillman for suggestions in regard to this work."

Harkins, W.D.; Swain, R.E. Papers on smelter smoke: the chronic arsenical poisoning of herbivorous animals. *J. Am. Chem. Soc.* **1908**, *30*, 928.

"In conclusion, the writers wish to thank Dr. John Maxson Stillman for the many suggestions which have been helpful in this work."

Harkins, W.D. The marsh test and excess potential: the quantitative determination of arsenic. *J. Am. Chem. Soc.* **1910**, *32*, 518.

³ Mulliken, R.S. William Draper Harkins. In *Biographical Memoirs National Academy of Sciences* 47; National Academy Press: Washington DC, 1975; pp 49-81.

⁴ *American Men of Science*, 8th ed.; Cattell, J.M., Cattell, J. , Eds.; Science Press: Lancaster, PA, 1949; p 1033.

⁵ Mainz, Vera. Chemical Genealogy: William Draper Harkins. _ http://www.scs.uiuc.edu/~mainzv/Web_Genealogy/Info/harkinswd.pdf (accessed 22 Nov 2005).

⁶ Email communication with Andrea Twiss-Brooks, Chemistry Librarian at the University of Chicago (20 Dec 2001).