

December 12, 2008

Undergraduate Research Assistant Position

Herbicide Analysis Laboratory and Research Program of Dr. Dean Riechers, Molecular Plant Physiology, Department of Crop Sciences, College of ACES.

Website: <http://www.cropsci.uiuc.edu/faculty/riechers/>

Duties: Conduct various herbicide mode of action, chemistry, and biochemistry studies, including metabolism, detoxification, uptake, and translocation of herbicides, with most experiments involving the utilization of radiolabeled herbicides to determine their metabolic fate in plants. Specific duties will include conducting and assisting with herbicide metabolism experiments, maintenance of analytical laboratory equipment and computer hardware/software, development of chromatographic procedures (including HPLC, GC, and TLC), utilization of radiotracer techniques in plants, and organization of record keeping for radioisotope usage in the lab. Knowledge of analytical laboratory equipment, chromatographic analysis of organic compounds, and computer hardware and software is beneficial but is not required. Some working experience with reverse-phase HPLC is desired, as is undergraduate coursework involving the principles for analysis and resolution of organic compounds.

Laboratory research assistance is needed for approximately 10-15 hours per week (very flexible work hours). Starting salary is \$10.50 per hour. Position is available immediately.

If interested in applying or for obtaining more information, please contact Dr. Dean Riechers, N-331 Turner Hall <riechers@illinois.edu>, or Bryan Warsaw, N-328 Turner Hall <bwarsaw@illinois.edu>.