



UNDERGRADUATE RESEARCH POSITION AVAILABLE (CHEM 1710)

Undergraduate Research Assistant

to work with

Prof. Joseph Grabowski, Department of Chemistry, University of Pittsburgh
and
Dr. Mark Bier, Department of Chemistry, Carnegie Mellon University

- PROJECT TITLE:** Virtual Mass Spectrometry Laboratory
- IDEAL CANDIDATE:** Chemistry major seeking hands on experience operating a state-of-the-art Gas Chromatograph Mass Spectrometer (GC-MS).
- JOB DESCRIPTION:** The research assistant will complete the implementation of the "Cocaine-in-Hair" case study being developed as an educational tool in the VMSL project funded by the NSF. This will entail extracting hair samples for their organic constituents, and then analyzing those extracts for the presence or absence of cocaine using GC-MS. Archiving of the data, incorporation of the data into the database, creation of teaching materials, evaluation and fine-tuning of the web site, and creation of the presentation materials for the San Diego meeting are additional tasks that this team member will assist in. (See <http://mass-spec.chem.cmu.edu/VMSL/>)
- HOURS:** Spring Term, 01-1, 10 hours/week
- STARTING DATE:** January 3, 2001.
- APPLICATION:** Apply as soon as possible. Contact me immediately by e-mail and let me know of your interest and credentials.
- CONTACT:** Prof. Grabowski joeg@pitt.edu
CSC-703
412-624-8632