



## Students -

Interested in attending a conference, workshop or summer school that would enhance your research?



### Apply for the Forbes Raymond Koehler and Harriet Spelly-Otis Koehler Scholarship

The purpose of this scholarship fund is to enhance the educational opportunities and experiences for students under the departments within the School of Chemical Sciences. Opportunities to attend workshops, schools and other educational events that will enhance your research will be considered. Examples of eligible events can be found on the application form. Applications will be accepted on a rolling basis with award distributions on or around January 5, June 1, and October 1.

An application can be found at:  
<https://scs.illinois.edu/koehler-scholarship>

## Microanalysis Lab Providing More Tools for Research at SCS with New Instrument



The Microanalysis Laboratory is pleased to announce the arrival of our new TA Discovery TGA 5500 with a Pfeiffer mass spectrometer.

### Analysis capabilities include:

- TGA allows for the thermal analysis of materials and their evolved gases.
- IR furnace can heat samples from ambient temperatures to 1200°C with optional ballistic heating rates greater than 1600°C/min.
- Quadrupole mass spectrometer can be used to characterize the evolved gases with a mass range of 1-300 amu and 0.5 amu mass accuracy.

More information can be found on the manufacturer's website <https://www.tainstruments.com/TGA5500>.

If you think the TGA would be of interest to you for your research, please schedule a training by contacting Ashley Blystone ([blystone@illinois.edu](mailto:blystone@illinois.edu)) in the Microanalysis Lab.

*Best wishes for a happy  
and healthy holiday season*

from the CORES Facilities