



Memorandum

Date: April 8, 2016

To: CAMCOR Users

From: Kurt Langworthy, CAMCOR Director  
Shannon Boettcher, CAMCOR Faculty Advisory Committee Chair

CC: Brad Shelton, Interim Vice President for Research and Innovation (VPRI)  
Stacy Williams-Wright, Divisional Budget Director (VPRI)  
Melodi Jayne, Business Manager, Research Core Services (RCB)

Dear CAMCOR Users,

Following several rate increases in fiscal year 2016, the CAMCOR labs have experienced a decrease in internal revenue of nearly \$100K during the current fiscal cycle. In response to the decreased revenue the faculty advisory committee (Shannon Boettcher, Dave Johnson, Darren Johnson, Ben McMorrان, Mike Pluth) have recommended no rate adjustments for internal users during FY17. Conversely, X-ray diffraction facility rates will increase 25% for external users in FY17, effective July 1, 2016.

CAMCOR is offering new services and rates for polymer characterization, under the management of Dr. Casey Check. Also, an ICP-RIE (inductively coupled plasma-reactive ion etcher) has been placed adjacent to the CAMCOR semiconductor lab, and is now available to internal and external users. A summary of changes to rates and resources follows below.

**Summary of changes:**

**1) Polymer lab instrumentation rates:**

	<b>Self-run</b>	<b>With technical assistance</b>
<b>Gel Permeation/size exclusion chromatography (GPC/SEC)</b>		
Commercial	\$135/hr	\$200/hr
Government	\$75/hr	\$140/hr
Internal Academic	\$50/hr	\$115/hr

CAMCOR- Center for Advanced Materials Characterization in Oregon

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**CAMCOR**

<b>Thermogravimetric analysis (TGA)</b>		
Commercial	\$115/hr	\$180/hr
Government	\$60/hr	\$125/hr
Internal Academic	\$35/hr	\$100/hr
<b>Differential Scanning Calorimetry (DSC)</b>		
Commercial	\$115/hr	\$180/hr
Government	\$60/hr	\$125/hr
Internal Academic	\$35/hr	\$100/hr
<i>DSC pan surcharge</i>	<i>\$10/each</i>	<i>\$10/each</i>

<b>Dynamic Mechanical Analysis (DMA)</b>		
Commercial	\$115/hr	\$180/hr
Government	\$60/hr	\$125/hr
Internal Academic	\$35/hr	\$100/hr
<i>Sub-ambient LN2 charge</i>	<i>\$60</i>	<i>\$60</i>
<b>Thermomechanical Analysis (TMA)</b>		
Commercial	\$115/hr	\$180/hr
Government	\$60/hr	\$125/hr
Internal Academic	\$35/hr	\$100/hr
<b>Tensile testing</b>		
Commercial	\$115/hr	\$180/hr
Government	\$60/hr	\$125/hr
Internal Academic	\$35/hr	\$100/hr

2) **X-ray diffraction facility** rates for complete crystal structure determination will increase from \$300/structure to \$400/structure for external users.

3) The ICP-RIE instrument is now available to internal academic users for \$35/hr, and external users for \$125/hr.

For questions about other services please visit <http://camcor.uoregon.edu/> or contact Kurt Langworthy at [klangwor@uoregon.edu](mailto:klangwor@uoregon.edu) or call 541-346-3660.