



Memorandum

Date: December 8, 2014

To: Melodi Jayne, Business Manager – Research Core Facilities

From: CAMCOR Faculty Advisory Committee

Re: NMR Rates for FY2015

The CAMCOR Faculty Advisory Committee (Shannon Boettcher, Chemistry; Darren Johnson, Chemistry; Ben McMorrان, Physics; David Johnson, Chemistry; and Mike Pluth, Chemistry) in collaboration with the NMR Facility Committee (Chemistry faculty: Mike Pluth, Mike Haley, Vicky DeRose, Darren Johnson, and David Tyler), Associate Vice President Patrick Jones, the Office of Research and Innovation; and Kurt Langworthy, CAMCOR Director have been working together to examine the financial stability and sustainability of the NMR instrumentation facility.

Due to rising costs in: labor, maintenance, supplies, and cryogenics, a shortfall of nearly \$60,000 is projected for FY2015 if budget adjustments are not made. To lessen budget shortfalls in FY2015 (July 1, 2014 - June 30, 2015), the committee made a recommendation to the Vice President for Research and Innovation, to adjust the user rates to be effective November 1, 2014.

The proposed changes have been recommended:

- 1) Increase internal user rates by 5%
- 2) Increase external user rates by 15%
- 3) Increase staff and technical assistance rate by 8.3%

**A rate sheet on page two of this memo outlines the agreed upon rate structure for NMR services effective November 1, 2014. Please update records accordingly.**

During FY2015 the committee will meet to reevaluate the lab finances and may suggest further policy or rate adjustments.

Thank you for your attention to this matter. Please don't hesitate to contact the FAC members or Director Kurt Langworthy with questions or suggestions.





### CAMCOR Nuclear Magnetic Resonance Spectroscopy Facility

INSTRUMENTS		
<b>NMR</b>	• Bruker Avance-III HD 600 MHz NMR Spectrometer	Prodigy BBO CryoProbe (liquids); CP/MAS solids
	• Varian INOVA 500 MHz NMR Spectrometer	1H/19F/BB-5mm auto-tune; BB-10mm; 1H/13C/15N 5mm triple resonance
	• Varian INOVA 300 MHz NMR Spectrometer	1H/19F/31P walk-up
	• Varian INOVA 300 MHz NMR Spectrometer	1H/19F/31P/11B walk-up
	• Varian Mercury 300 MHz NMR Spectrometer	1H/19F/13C/31P walk-up
<b>EPR</b>	• Bruker EleXsys EPR	X-band, Q-band, low temperature

USER FEES			
<i>all instruments, effective 01-November-2014</i>			
	Instrument Use		Staff Time
	<i>per hour*</i>	<i>off-peak**</i>	<i>per hour***</i>
INTERNAL ACADEMIC RESEARCH	\$12.60	\$6.30	\$65.00
INSTRUCTIONAL & NON-PROFIT	\$18.90	\$9.45	\$65.00
EXTERNAL (COMMERCIAL, GOVERNMENT)	\$138.00	\$69.00	\$138.00
SUBMITTED SAMPLES FOR ROUTINE 1H NMR	\$35.00 each + sample preparation time & materials		
SOLID STATE NMR surcharge	25% + materials & staff time		
PRIORITY/RUSH	2x normal commercial rate		
MINIMUM CHARGE PER SESSION	\$2.00		
* Includes walkup or self service uses. Staff assistance or operator services billed separately.			
** Off-peak 50% discount applies to instrument use M-F 6 pm-9 am, all hours on weekends, and long sessions after 4 hours.			
*** Staff Time includes all services, e.g. instrument operator, training, sample preparation, data workup, consultation, etc.			
**** Special rates may be negotiated for large-scale projects			
***** Instruments are generally available on a first-come first-serve basis. 500 & 600 MHz instrument require reservations.			

CONTACT
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