**CAMCOR Nuclear Magnetic Resonance Spectroscopy Facility**

### INSTRUMENTS

**NMR**
- **Bruker Avance-III HD 600 MHz NMR Spectrometer**
  - Prodigy BBO CryoProbe (liquids); CP/MAS solids
- **Bruker Avance-III HD 500 MHz NMR Spectrometer**
  - Prodigy BBO CryoProbe (liquids)
- **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 Mercury 300 MHz NMR Spectrometer**
  - 1H/19F/13C/31P walk-up

**EPR**
- **Bruker EleXsys EPR**
  - X-band, Q-band, low temperature

### USER FEES

#### all instruments, effective 01-November-2014

<table>
<thead>
<tr>
<th></th>
<th>Instrument Use</th>
<th>Staff Time</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>per hour*</td>
<td>off-peak**</td>
</tr>
<tr>
<td><strong>INTERNAL ACADEMIC RESEARCH</strong></td>
<td>$12.60</td>
<td>$6.30</td>
</tr>
<tr>
<td><strong>INSTRUCTIONAL &amp; NON-OUS</strong></td>
<td>$18.90</td>
<td>$9.45</td>
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<tr>
<td><strong>EXTERNAL (GOVERNMENT, NON-PROFIT)</strong></td>
<td>$69.00</td>
<td>$34.50</td>
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<tr>
<td><strong>EXTERNAL (COMMERCIAL)</strong></td>
<td>$138.00</td>
<td>$69.00</td>
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<tr>
<td><strong>SUBMITTED SAMPLES FOR ROUTINE 1H NMR</strong></td>
<td>$35.00 each + sample preparation time &amp; materials</td>
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<tr>
<td><strong>SOLID STATE NMR surcharge</strong></td>
<td>25% + materials &amp; staff time</td>
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<tr>
<td><strong>PRIORITY/RUSH</strong></td>
<td>2x normal commerical rate</td>
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<tr>
<td><strong>MINIMUM CHARGE PER SESSION</strong></td>
<td>$2.00</td>
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* 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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