**Introduction:**

The West Campus Analytical Core (WCAC) was launched in 2012 to provide the research community at West Campus with a comprehensive analytical instrumentation facility that provides access and training to a broad collection of shared instrumentation. The mission of the WCAC is to support and accelerate on-going research projects at both West and Main Campus and to provide suitable space for incremental additions of high-value shared instrumentation. Staff members train new users of instruments within the WCAC in one-on-one sessions. All users are required to demonstrate basic knowledge of instrument operation prior to unsupervised use of the instrument. Instrument usage is scheduled and monitored via a reservation website, time on the instruments is charged, which varies by the type of instrument and experiment.

**People at the WCAC:**

- **Mousumi Ghosh, Ph.D.**
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- **Kenneth Nelson, Ph.D.**
  Flow Cytometry Services
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**Mass Spectrometry Instrumentation:**

- Agilent Qtof 6550
- Agilent LCMS 6120B
- Agilent 5975C GCMS
- Agilent QQQ 6490

**Optical and Biophysical Instrumentation:**

- PE Envision Plate Reader
- ATR (with CARY660 FTIR)
- Cary UV-VIS 300

**Nuclear Magnetic Resonance:**

- AG 600MHz NMR instrument with 3mm HCN cold probe

**Flow Cytometry:**

- BD FACS Aria: Red, Blue and m-cherry lasers
- BD FACS Verse: Red, Blue lasers
- Stratedigm S1000 with Red, Blue and UV laser
- HTAS A600 AS

**Selected 2018 Instrument Charges:**

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<tr>
<th>Instrument</th>
<th>Internal</th>
<th>Reservation</th>
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<tbody>
<tr>
<td>NMR_400 MHz</td>
<td>$5/h</td>
<td>walkup</td>
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<td>NMR_600 MHz</td>
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<tr>
<td>AG GCMS</td>
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<td>reservation</td>
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<tr>
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<tr>
<td>PE Envision</td>
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</table>

**Location:**

600 West Campus Drive, West Haven, CT06516