MiCORES is an iLab Solutions system used by Biomedical Research Core Facilities (BRCF) to perform ordering, billing, and scheduling of scientific products and services. As of 8/9/2016, the following Cores are supported:

- Bioinformatics Core
- Epigenomics Core
- Flow Cytometry Core
- Metabolomics Core
- Microscopy & Image Analysis Laboratory
- Proteomics & Peptide Synthesis Core
- Sample Preservation Freezer (Freezer Farm)
- Transgenic Animal Model Core
- Vector Core

MiCORES can be accessed at the following link with a Level-1 (UMICH) password:

https://umich.corefacilities.org

PDF Quick start guide here!

### Topics

- Accessing MiCORES
- Requesting Access to Additional Cores
- Placing MiCORES Service Requests
- Support Contacts
  - Ordering, Scheduling, General Use
  - Contact the HITS Service Desk
  - Accounting and Billing Issues
  - Problems with the Service

- MiCORES - Core Management
- MiCORES - Lab Management

### Accessing MiCORES

- U-M faculty, staff, and students can access MiCORES with their university credentials.
- External faculty and staff who use iLab Solutions / Agilent CrossLab at their "home" institution can access the U-M instance using their "home" credentials.
- Individuals associated with the University of Michigan without university credentials and without "home" institution credentials will need to obtain a sponsored account through the MCommunity Sponsor System managed by ITS. Please submit a request at https://hits.medicine.umich.edu/about-hits/get-help for assistance obtaining a sponsored account.

### Problems with Registration
Some accounts, especially those of individuals involved in the earlier setup and testing, are missing an authentication context. iLab Solutions can resolve the issue. To begin a support ticket with iLab Solutions, click this email template link.

1. With a web browser, go to the following link: https://umich.corefacilities.org
2. Click the link labelled “login”.

3. After the WebLogin screen loads, authenticate with a uniqname and Level-1 (Kerberos) password.

4. If prompted regarding sharing personal information with the IT Service Provider, click the Confirm button.
5. You may be prompted to authenticate with Duo 2 Factor Authentication - use your mobile device or authentication token to compete this step.
6. When logging in for the first time, the *iLab Account Registration* screen will appear. Supply the requested information, making sure to use your `username@umich.edu` email address, and click the "register" button. The *PI* field (your Primary Investigator) determines which lab you will request access to. Your PI will then receive a message asking them to approve or deny your request to join their lab in MiCores.

7. On initial login, when the *home* screen appears for the first time, you will be prompted to choose the correct time zone - do so and click "update time zone".

**Requesting Access to Additional Cores**

1. After logging in to MiCores, click on the three white bar icon - in the upper left of the screen to open the navigation menu. Then, hover your mouse pointer over "My Cores" or click the "My Cores" link.
1. The screen will display a list of Core Facilities at University of Michigan. Select a core from the list of cores.
   - If the current account does not have access to the core, the page will indicate the core requires an additional access request to use the core. Fill the provided field with any additional information and click the **Send access request** button.
   - If the current account has access to the core, the home page for the core will load.
     - To learn more about the available services, click the **about** tab.
     - To request services, click the **request services** tab.
     - For cores with equipment, click the **schedule equipment** tab.

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### Placing MiCORES Service Requests

The following sequence is the general work flow for placing service requests:

1. The customer logs into MiCORES and places a request with the core.
2. The core provides a quote for the services requested.
3. The customer logs into MiCORES and agrees to the work and projected cost (quote).
4. If necessary, the Principal Investigator or a Financial Administrator review the request.
5. The core completes the work and bills the researcher.
6. If appropriate, summary results are made available for download through MiCORES.

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### Support Contacts

#### Ordering, Scheduling, General Use

For proper use, internal processes, and support, contact the administrator of the specific core:

<table>
<thead>
<tr>
<th>Core Facility</th>
<th>Contact</th>
</tr>
</thead>
<tbody>
<tr>
<td>UMICH Bioinformatics Core</td>
<td>Richard McEachin, Ph. D. Marci Brandenburg</td>
</tr>
<tr>
<td>UMICH Center for Molecular Imaging</td>
<td>Amanda Fair</td>
</tr>
<tr>
<td>UMICH Epigenomics</td>
<td>Claudia Lalancette, Ph.D.</td>
</tr>
<tr>
<td>UMICH Flow Cytometry Core</td>
<td>David Adams</td>
</tr>
<tr>
<td>UMICH HTS (CCG)</td>
<td>Andrew Alt</td>
</tr>
<tr>
<td>UMICH Metabolomics Core</td>
<td>Maureen Kachman</td>
</tr>
<tr>
<td>UMICH Microscopy &amp; Image Analysis Laboratory (MIL)</td>
<td>Aaron Taylor</td>
</tr>
<tr>
<td>UMICH Proteomics &amp; Peptide Synthesis Core</td>
<td>Henriette Remmer</td>
</tr>
<tr>
<td>UMICH Sample Preservation Freezer Facility</td>
<td>Ali Tislers</td>
</tr>
<tr>
<td>UMICH Transgenic Animal Model Core</td>
<td>Thom Saunders</td>
</tr>
<tr>
<td>UMICH Vector Core</td>
<td>Thomas Lanigan</td>
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<td>---------------------------------------</td>
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</tr>
<tr>
<td>UMICH DNA Sequencing Core</td>
<td>Robert Lyons, Ph.D.</td>
</tr>
</tbody>
</table>

**Contact the HITS Service Desk**

<table>
<thead>
<tr>
<th>Phone support</th>
<th>734-936-8000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Web submission</td>
<td><a href="https://hits.medicine.umich.edu/about-hits/get-help">https://hits.medicine.umich.edu/about-hits/get-help</a></td>
</tr>
</tbody>
</table>

**Accounting and Billing Issues**

<table>
<thead>
<tr>
<th>Cassandra Wong</th>
<th><a href="mailto:ckwong@umich.edu">ckwong@umich.edu</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>Anitha Chennat</td>
<td><a href="mailto:anich@umich.edu">anich@umich.edu</a></td>
</tr>
</tbody>
</table>

**Problems with the Service**

For normal issues with unexpected technical failures, submit a ticket to the iLab Solutions support group:

<table>
<thead>
<tr>
<th>Web submission</th>
<th><a href="https://umich.corefacilities.org/support/">https://umich.corefacilities.org/support/</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>Phone support</td>
<td>1-800-690-2957</td>
</tr>
<tr>
<td>Email support</td>
<td><a href="mailto:support@ilabsolutions.com">support@ilabsolutions.com</a></td>
</tr>
</tbody>
</table>