1. Log in to the computer using an account with administrative privileges.

2. Open the Directory Access utility from the Utilities folder inside the Applications folder. You'll need to authenticate by clicking on the lock icon.
3. **LDAPv3** should already be enabled; if not, check the checkbox. It’s pretty likely that you won’t need any of the other services selected, so deselect them now. Select the **LDAPv3** line and click the **Configure** button.
4. Select the location you want to configure, deselect **Use DHCP-supplied LDAP Server**, and click on the **Show Options** button.

5. Click on the **New...** button. Double-click on **Untitled 0**, and change it to **umichldap.v3**. Double-click on **unknown.domain.com** and change it to **ldap.itd.umich.edu**. Leave **LDAP Mappings** set to **Custom**. Currently, SSL is not supported (it will be soon); so for now, don't select the SSL checkbox. With the entire line highlighted, click on the Edit button.
6. Under the **Connection** tab, you shouldn't need to make any changes, so click on the **Search & Mappings** tab. Under the **Record Types & Attributes** box, click on the **Add** button.
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7. Make sure the **Record Types** radio button is selected, select **Users** and then click the **OK** button.
8. Click inside the **Search base** text box. Type in **ou=people, dc=umich, dc=edu**.
9. Back in the **Record Types & Attributes** box, make sure **Users** is selected and click the **Add** button again. Make sure the **Attribute Types** radio button is selected. Select **RecordName** and click the **OK** button. Again, back to the **Map to** box and click the **Add** button. Type in **uid**.
10. Repeat the same steps using the following information:

<table>
<thead>
<tr>
<th>Data Type</th>
<th>Maps to</th>
</tr>
</thead>
<tbody>
<tr>
<td>RecordName</td>
<td>uid</td>
</tr>
<tr>
<td>RealName</td>
<td>cn</td>
</tr>
<tr>
<td>UniqueID</td>
<td>uidnumber</td>
</tr>
<tr>
<td>PrimaryGroupID</td>
<td>gidnumber</td>
</tr>
<tr>
<td>NFSHomeDirectory</td>
<td>homedirectory</td>
</tr>
<tr>
<td>UserShell</td>
<td>loginshell</td>
</tr>
<tr>
<td>EmailAddress</td>
<td>mail</td>
</tr>
</tbody>
</table>

11. When you are finished, click the **OK** button. At the next screen, click the **OK** button there as well.
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[Image of a screenshot showing the umichldap.v3 application with a focus on the Search & Mappings tab. The screenshot includes options for accessing an LDAPv3 server, record types and attributes, and mappings for attributes such as RealName, UniqueID, PrimaryGroupID, NFSHomeDirectory, UserShell, and EMailAddress. There are buttons for deleting and adding entries, a search base field, and options for searching in all subtrees or first level only.]

12. Click on the **Authentication** tab. You can remove any previous custom paths by selecting them and clicking the **Remove** button. Then click the **Add** button, and select `/LDAPv3/ldap.itd.umich.edu`. Then click the **Add** button. Nothing under the **Contacts** tab needs to be configured, so you can click on the **Apply** button. Click on the red close-window button, **Save** the changes, and you are done!
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[Image of Directory Access window showing search for user authentication information]

Choose where to search for user authentication information.

Search: Custom path

Directory Node
/NetInfo/root
/LDAPv2/ldap.itd.umich.edu

Drag directory nodes into your preferred order for searching.

Remove  Add...

Click the lock to prevent further changes.  Revert  Apply
13. Start the Terminal application from the Utilities folder in the Applications folder.

14. Type `id uniquename <Enter>`, where uniquename is a "Michigan Person" who does not have a local user account on the computer. The reply will come back `id: uniquename: No such user` until the changes come through; then you should get the uid, gid, and groups values for that uniquename. That indicates that everything is working correctly.
Additional sites for your UM OS X Configurating pleasure:

http://www.umich.edu/~arozenbl has pages on configuring both MIT Kerberos and OpenAFS
http://www.itd.umich.edu/macos/macosx_more.html The "more" page has all the good stuff.
Well, more is MORE, isn't it?
Reloading a lab? You need Radmind... http://rsug.itd.umich.edu/software/radmind/macosx.html
Setting up a lab in the first place? http://www.macosxlabs.org is where you need to go. No, trust me; you need to go there.
How about a free secure ftp client? http://rsug.itd.umich.edu/software/fugu