Getting an Account at CARC

All accounts are associated with a Project, which summarizes the research for which CARC resources will be used. A given PI (principal investigator, typically a faculty member), will often have more than one Project active concurrently.

Step 1. The PI requests a new Project (www.carc.unm.edu, click on **Request CARC Project** on left-hand side). If an appropriate Project is already in place, proceed directly to Step 2.

The PI will be asked to provide a Project Description. This should be 1-2 paragraphs, including:

- Overview of science/engineering problem to be addressed
- Mathematical/computational methodology used
- Parallelization strategy if code was developed-in-house (MPI, OpenMP, embarrassingly parallel/parameter study, master-slave…)
- Numerical software or packages required (ScaLAPACK, FFTW, PETSc, MATLAB…)
- Commercial software/licenses required
- Any special resources (large-scale storage, LambdaRail, etc.)
- Indicate specific machines of interest, if known. If you would like to meet with CARC technical staff prior to submitting the Project Request, email help@carc.unm.edu or director@carc.unm.edu to arrange this.

Step 2. Students and researchers in the PI's group should go to www.carc.unm.edu and click on **Request CARC Account**. When asked for the Project ID, search under the PI's name to obtain the ID associated with your research topic. Request accounts for machines appropriate to the code/computational problem (see Step 1).

Step 3. Once you have applied for an account, an automated message will be sent to the Project PI requesting that they confirm that the account request is legitimate. Following confirmation, your account will be created automatically.

Step 4. You will receive an email asking that you come to CARC to pick up your login and password information. A UNM ID is required. Account information cannot be sent via campus or U.S. mail.