Guide to Getting an Account on the Texas A&M Brazos Cluster
For the Mitchell Institute Computing

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For A&M Members see section 1.
For Non A&M Members see section 2 (then go back to section 1).
For questions or problems, contact us: mitchcomp_help@physics.tamu.edu

1. For A&M Users: Getting an Account on Brazos

Go to the Brazos web page (http://brazos.tamu.edu/) and click the “New Users” link at the top or on the left of the page. Read the page then click “Proceed to the Account Form”. Again read and familiarize yourself with their policies then click the “ACCEPT” link. You will be asked to login using your TAMU NetID and Password, you should do so.

After you login you will be brought to their user account form. Fill in your personal information: name, your TAMU email (you must use your TAMU email address), your TAMU office phone number (you must use your TAMU phone number). Your department is PHYS, pick your Classification (e.g. Faculty, Graduate Student, etc...) and select your username for Brazos (you must use your NetID).

You are then asked to give a “Statement of Proposed Use”. Specify that you need to be added to the hepx group. You should also give a short description of what you will be doing on their system. You must also include who you work for and their contact information. Try to answer the following questions:

- Who are you? Who do you work for? Don’t forget your advisor’s email address.
- What hepx experiment group are you in? (CDMS, CMS, PHENO, ASTRO…) Don’t forget to ask to be added to user group HEPX.
- What does your group study? Borrow from your advisor’s research page, if you can.
- What will you contribute to your group’s experiment? This is like a mini-abstract.
- What type of data will be created? Real experiment data, Monte Carlo simulation… (Bonus: why is this a good fit for cluster supercomputing?)
- What computational tools will be utilized? Borrow from our Mitchcomp Getting Started guide, if you can.
  If you need help setting up a software package, now is the time to ask.
- See appendix A, “Example statements of Proposed Use” at the end of the document.

Don’t forget to include the sentence about the hepx group. Click the Submit button at the bottom of the page, and it should take about a day or so for your account to be created.

The Brazos account needs to be renewed periodically. Each time you renew, you will submit an updated statement of purpose. Renewal reminders are sent to the mailing list brazos-announce@listserv.tamu.edu, so make sure you’re subscribed to avoid losing your account! (directions in our “getting started” guide.)

2. For Non-A&M Users: First you will need a NetID

If you need an account on Brazos and you do not have an A&M NetID, then please fill in the following information and send it to the Mitchell Institute Computing Managers – mitchcomp_help@physics.tamu.edu

Name:
Institution:
Department:
Date of Birth:
Country of Citizenship:
E-mail:
Phone:
Mailing Address:
We also need you to send your *Curriculum Vitae (CV)*. We also need you to send an image of your government-issued *Photo ID*: e.g., driver’s license or passport.

With this information, we will create an *Invitation Letter*, and a *NetID Request*. It usually takes about 5 days for the Texas A&M NetID Identity Manager System Registration Authority to process the request. Once it is done you need to follow this instructions:

1. You will receive a notification email from *A&M Identity Management* indicating that the account has been created. You will need to call 979-862-4300 to claim your UIN. To do so, provide the following: (a) the keystone number provided in the email, (b) your name, (c) your date of birth. An Identity Manager assistant will attend your call, have you any problem contact us and we will help you.

2. Claim your NetID: Go to [http://gateway.tamu.edu/](http://gateway.tamu.edu/). Click Claim NetID. Enter UIN and select birthdate. Click Log in. On the next screen, enter your chosen NetID and click Submit, next create a password.

3. Finally proceed to get the Brazos Account as an A&M User. Go to section 1 of this guide and follow the steps.

Please note that the CMS software as well as the CDMS software is managed by our group so if you have questions about it you should contact [mitchcomp_help@physics.tamu.edu](mailto:mitchcomp_help@physics.tamu.edu), not Brazos. However if you have some type of Brazos system problem then you can ask the Brazos administrators ([brazos-help@listserv.tamu.edu](mailto:brazos-help@listserv.tamu.edu)). If you are not sure who to ask just send your question to us and we will work with you to solve your problem.

**3. Appendix A: Example statements of Proposed Use**

**CDMS**

My name is Richard Lawrence. I am a graduate student at TAMU, working under Dr. Toback ([toback@tamu.edu](mailto:toback@tamu.edu)) in CDMS experiment group. Please add me to the HEPX user group.

CDMS experiment studies the physics of the dark matter detector. Detector Monte Carlo software has been developed by Super CDMS to simulate phonon and charge propagation within the detectors in addition to detector read out (for both charge and phonons).

I will contribute to CDMS by simulating the response of the dark matter detector to known sources. The results from this monte carlo simulation will be used to analyze real experiment data. We expect to find evidence of dark matter, possibly in the form of WIMPs.

Computational tools I will use. From the CDMS website:

- Running i-Python (interactively or submitting a script)
- processing CDMS data (CDMSbats)
- running SCDMSTools for matlab (matCAP)
- I also write my own software in shell, C, and python.

I will not need special assistance with any software package.

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Classification: Remote Research Collaborator
Requested Username: (if you wish for us to let you know whether it is a good choice.)
A&M Contact Person:
Advisor (if not P.I.): Statement of Use:
<Add a similar statement as mentioned in the above section, and provide one A&M contact personnel who can vouch for you>