

University of Minnesota Supercomputing Institute for Digital Simulation and Advanced Computation

Project Renewal Form

- This form should be used by Principal Investigators (PIs) who already have Supercomputing Institute accounts to renew those accounts for the next six-month period.
- Due dates: April 15 to renew for July–December and October 15 to renew for January–June. Late requests are accepted but have a lower priority.
- At the Institute, a project or group corresponds to a PI or a unique combination of PI and co-PI. All work done by a given PI or a unique combination of PI and co-PI and the associated research group is considered a single project.

The PI should complete and email this form to projects@msi.umn.edu. If submitting a hard copy, send it to:

Barbara Opal, Research Programs Administrator
Supercomputing Institute, 599 Walter
117 Pleasant Street SE
Minneapolis, MN 55455
(or campus mail)
Telephone: (612) 625-0012

Electronic copies of this form are available at <http://www.msi.umn.edu/general/Programs/Forms>.

Note: Forms submitted electronically must be sent from the email account of the PI. Email from the email account of the PI is accepted as a substitute for a signed original.

Date: _____

Principal Investigator (PI): _____

Co-principal Investigator (if any): _____

To ensure continued access to these resources after June 30 or after December 31, please return this form by the April 15 or October 15 deadline.

If you want access in the next six-month period only to the laboratories and/or user support, please complete section A only.

If you also want accounts on the BladeCenter, Power4, Calhoun (SGI XE 1300), and/or SGI Altix shared-memory core machines, please complete both sections A and B.

Section A

All projects must have a title and an abstract. Abstracts should ordinarily be 150–300 words in length and should be suitable for representing your work in Institute reports. Please describe the work (if any) that you have carried out with supercomputing resources, laboratory resources and/or the assistance of the MSI technical support group in the past six to nine months and also describe the work planned in the next six months.

Current project title:

Project abstract:

Principal investigator (PI)

Name: _____ Title or rank: _____

Department: _____

Address: _____

Phone: _____ Fax: _____

Email: _____

Signature: _____

A form sent from the email account of the principal investigator will be accepted in lieu of a signature.

Co-principal faculty investigator (co-PI), if any

Name: _____ Title or rank: _____

Department: _____

Institution (if not U of M, Twin Cities): _____

Address: _____

Phone: _____ Fax: _____

Email: _____

Current users

Please attach a list of all **current** and **new** group members. For each member, please include the name, address (use campus mail address for people who have one), phone number, email address, and status code. We will close the accounts of users in your group who you do not list.

Status codes: A – Research Associate; C – Collaborator at another institution; F – Faculty; G – Graduate Student; J – Adjunct Faculty; S – Nonacademic Staff; U – Undergraduate Student; V – Visiting Researcher

Principal user: _____

The principal user can be the PI, co-PI, or one of the other users.

Please indicate which laboratories you want to use:

- Basic Sciences Computing Laboratory
- Biomedical Modeling, Simulation, and Design Laboratory (formerly VWL)
- Computational Genetics Laboratory
- Scientific Data Management Laboratory
- Scientific Development and Visualization Laboratory

Recent Publications

For publishable (preprint) or published (reprint) research supported in part by MSI hardware, software, or technical support resources, please provide a list of recent publications and/or accepted papers in journals and/or books. If any of your publications based in whole or in part on Supercomputing Institute resources have not already been submitted for the UMSI Research Report Series, please submit a pdf file of each publication with this renewal. In order for the reports to be included, they should acknowledge the Supercomputing Institute in the acknowledgments or the byline. For examples of acknowledgments, please see: <http://www.msi.umn.edu/general/people/ackexamples.html>. If you are not sure whether you have already submitted a research report to our series, you can check your reports at <http://www.msi.umn.edu/cgi-bin/reports/searchv2.html>.

Research reports are posted on our web site. If you have reasons, such as copyright requirements of the journal you are submitting the paper to, for not posting the reports publicly, please let us know, and we will follow your instructions.

Please check the box below that applies:

- I do not have any applicable papers to submit at this time.
- I have applicable papers to submit. (Please list the papers below and submit electronic copies.)
- I have applicable papers, but I will submit them at a later time.

List of recent MSI papers (Please attach additional pages if necessary.)

List of recent non-MSI papers (optional)

External Funding

Please provide a summary of external support over the past year and at present for projects that include Supercomputing Institute resources in the work plan or the work accomplished (core computers, laboratories, software, or user support).

Please check the box below that applies:

- I do not have any applicable external funding to report at this time.
- I have applicable external funding to report. (Please list the external funding sources below.)

List of relevant external funding. Include the grant funding agency, the date range that the grant covers, and the total dollar amount. Please indicate if the dollar amount is for the duration of the grant or if it is annualized. (Attach additional pages if necessary.)

Newsworthy Items

The Supercomputing Institute's ability to continue to provide great service and state-of-the-art hardware and software is tied to our ability to make clear to stakeholders the importance of the work we facilitate. To this end we ask PIs to let us know of interesting work or events facilitated by MSI that would not otherwise appear in news publications outside MSI.

We will post news items on our web site in order to 1) highlight to U of M administration the cutting-edge research made possible by MSI resources, 2) increase MSI's visibility among its peers, 3) promote beneficial cooperative relationships with other organizations, and 4) facilitate new grant funding both for the researchers that use our resources and for MSI itself.

Please check the box below that applies:

- I do not have any newsworthy items to report at this time.
- I have newsworthy items that I would like featured by MSI. (Please provide a brief description below. If more details are needed, we will contact you.)

Section B

If you want access in the next six-month period only to the laboratories and/or user support, you do not need to complete this section. Completion of Section A above is sufficient.

If you also want accounts on the BladeCenter, Power4, Calhoun, and/or SGI Altix shared-memory core machines, please complete both sections A and B.

Please indicate the number of service units you are requesting and check the machines on which you would like your accounts set up.

Total number of service units requested (SUs): _____

- IBM BladeCenter Linux Cluster
- IBM Power4 (Regatta)
- SGI Altix 3700 BX2 shared-memory system
- Calhoun (SGI XE 1300 Linux Cluster)

Note: The IBM Netfinity Linux Cluster will be removed from service by July 1, 2008, and no user accounts will remain on that machine.

See <http://www.msi.umn.edu/general/Programs/Descriptions/resources.html> for further information about service units.

If you have any questions regarding which machine is most appropriate for your research, please see http://www.msi.umn.edu/user_support or contact help@msi.umn.edu.

Review Procedures

Proposals for core supercomputer usage are reviewed based upon the information requested in this proposal and on the Supercomputing Institute review criteria found at <http://www.msi.umn.edu/general/Programs/review.html>.

National Supercomputing Centers

Please indicate how your use of MSI's resources complements any use you also make of the resources of large national centers, such as San Diego Supercomputer Center, Argonne National Laboratory, and National Center for Supercomputing Applications.

Required Information

Please supply a summary of the results obtained or progress made with the previous allocation, work underway, work planned next, significance of the project, and a justification of the need for the resources. This material is limited to a total of one page (for requests up to and including 1,000 SUs) or two pages (for requests over 1,000 SUs). These length limitations are mandatory.