

Application Form

AEM 2004-5 Micro-Gravity Student Flight Opportunities

Next year the AEM Department will be sponsoring two experiments under NASA's Reduced Gravity Student Campaign Program, for more information see <http://zerog.jsc.nasa.gov/>.

Note that this is a student run program, that requires a written proposal to NASA, and there is no guarantee that it will be accepted. Participation is also subject to the availability of funding both at NASA and in the AEM Department. Flight crew must meet NASA's physical requirements and be U. S. Citizens.

The two projects for next year are:

Fluids:

Advisor: Prof. Ellen Longmire

2003-4 Web page: <http://www.aem.umn.edu/proj-prog/sfo/fluids-2004/>

Materials:

Advisor: Prof. Tom Shield

2003-4 Web page: <http://www.aem.umn.edu/proj-prog/sfo/materials-2004/>

Because there will be a maximum of 6 students per project (4 flight crew members and up to two alternates), students will be picked for the teams based on their application materials, academic performance, engineering ability and motivation.

Please fill out the section below:

Name: _____ Student No. _____

Expected Graduation Date: _____ Desired Project (check one) Fluids Materials

Please include the following information along with this form:

1. A current copy of your transcript. This does not need to be an official copy.
2. A Resume. Please include a summary of your technical skills (machining, programming, electronics, etc.) and experience using them.
3. A one page (and no more) written statement of your educational goals, interests and career objectives.
4. (optional) One letter of reference from a professor or other person you have worked for who has *significant* knowledge of your abilities. Do not include a letter from a professor from which you have only taken classes. These may be e-mailed to donna@aem.umn.edu.

Turn in this form, along with the materials listed above, to:

107 Akerman Hall by **Friday, May 7.**