

Aaron and Zelda Greenberg Scholars Application

Applicant: _____

Faculty Advisor: _____

Applicant GPA: _____ Applicant's Semesters left in BS degree: _____

Topic of Research:

(Describe the research to be carried out and relate to current state of the research at Missouri S&T)

Applicant Current Experience and Extracurricular Activities:

(Describe the applicant's past or ongoing activities outside the classroom.)

Applicant career plan statement:

Applicant Signature: _____

Date: _____

Faculty Advisor Signature: _____

Date: _____

Aaron and Zelda Greenberg Scholars Program

We believe our students receive a different kind of education.

- ❖ They engage in more hands-on learning experiences than do their peers.
- ❖ Their programs of study exceed minimum accreditation requirements in a number of ways.
- ❖ They require less on-the-job training when they secure their first jobs.

We believe that experiential learning enhances the education of our students.

- ❖ It provides leadership development opportunities.
- ❖ It develops insight to global markets and the business world.
- ❖ It develops the ability and an innate desire to learn for life.

The Greenberg Scholars Program:

The academic requirements, expectations and eligibility follow the established Master Student Fellowship Program (see below). In addition Greenberg Scholars will be expected to:

- work with the CArE Engineering Department faculty member to identify research topics of interest and then select a research advisor, who in turn commits to advise and mentor the scholar (as well as provide support for any incidental expenses that might be required by the scholar during the course of his scholarly study);
- regularly attend research talks, seminars and symposia at Missouri S&T;
- complete a minimum of 3 semesters of guided undergraduate research under the advisement of a CArE Engineering Department faculty member;
- participate at least one Missouri S&T Undergraduate Research Fair;
- seek summer research or internship programs, such as NSF REU programs, DOE SULI programs, or similar (internships in industry or consulting can be targeted as well to gain experience pertinent to the research being conducted);
- complete and submit national-level applications for competitive scholarships or fellowships (e.g., NSF, NASA, etc);
- attend conference(s) as appropriate with research advisors to present research results;
- prepare a Missouri S&T graduate school application the earliest applicable time; and,
- prepare at least one research article for publication consideration in collaboration with research advisors and team members as appropriate.

The Missouri S&T Master Student Fellowship Program:

Missouri S&T's Master Student Fellowship Program (MSFP) is an accelerated program which allows students the opportunity to earn undergraduate and graduate degrees at the same time. MSFP students are eligible to participate in S&T Honors Academy and to attend New Student Honors Seminars their first year at S&T. In addition, MSFP students are allowed to be dually enrolled as undergraduate and graduate students beginning the second semester of their junior year, and both semesters of their senior year.

Qualifications:

Incoming freshmen may apply if:

- 1) they have an ACT score of 31 or above/SAT of 1440 or above; and
- 2) they graduated with a GPA of 3.75 or were in the top 5% of their high school class.

Transfer students may apply if:

- 1) they have a college GPA of 3.75 or above; and
- 2) they have completed a minimum of 24 graded, college-level credits.

Current S&T students may apply if:

- 1) they have completed a minimum of 24 graded, college-level credits;
- 2) they have approval from their department; and
- 3) they have maintained a minimum GPA of 3.5 in S&T courses.