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D3 TECHNOLOGIES
OFFICE OF THE CHANCELLOR-UM-ST. LOUIS
SAINT LOUIS UNIVERSITY
WASHINGTON UNIVERSITY
GREEN FOUNDATION
SOLAE COMPANY

STUDENTS AND TEACHERS AS RESEARCH SCIENTISTS
SCIENCE SCHOLAR RESEARCH PROGRAM
STARS
STUDENT APPLICATION FORM
EXPERIENCING THE SCIENTIFIC ENTERPRISE
APPLICATION DEADLINE POSTMARKED BY MARCH 27

A PARTNERSHIP WITH
DONALD DANFORTH PLANT SCIENCE CENTER
SAINT LOUIS UNIVERSITY
SIU-EDWARDSVILLE
WASHINGTON UNIVERSITY
UNIVERSITY OF MISSOURI-ST. LOUIS

I. BACKGROUND STUDENT INFORMATION (TO BE COMPLETED BY THE APPLICANT; PREFERABLY TYPED.)

A. APPLICANT'S NAME: _____
LAST FIRST MIDDLE

PREFERRED NAME TO BE CALLED: _____

B. ADDRESS

HOME ADDRESS: _____ PHONE: _____
STREET CITY STATE ZIP CODE

NAME OF HIGH SCHOOL: _____ PHONE: _____

SCHOOL ADDRESS: _____
STREET CITY STATE ZIP CODE

E-MAIL ADDRESS: HOME: _____ SCHOOL: _____

C. PERSONAL DATA

SEX: FEMALE MALE U.S. CITIZEN: YES NO AGE: _____ GRADE LEVEL: 10TH 11TH

ETHNIC BACKGROUND: AFRICAN-AMERICAN NATIVE AMERICAN OR ALASKAN ASIAN OR PACIFIC ISLANDER

(OPTIONAL) HISPANIC WHITE, NON-HISPANIC OTHER _____

DO YOU HAVE ANY SIGNIFICANT MEDICAL CONDITION(S) OF WHICH THE FACULTY AND STAFF SHOULD BE AWARE? YES NO

IF YES, PLEASE DESCRIBE: _____

DO YOU HAVE COMPREHENSIVE ACCIDENT AND HEALTH INSURANCE? YES NO COMPANY NAME: _____

NAME(S) OF PARENT(S) OR GUARDIAN(S): _____ WORK PHONE: _____

D. PRINCIPAL OR CHIEF SCHOOL ADMINISTRATOR: _____

E. PRE-COLLEGIATE PROGRAMS ATTENDED: (e.g., MISSOURI SCHOLARS ACADEMY) _____

II. APPLICATION QUESTIONNAIRE

1. INDICATE THE LEVEL OF YOUR CURRENT INTEREST IN SCIENCE AND MATHEMATICS.

I AM COMMITTED TO A CAREER IN SCIENCE AND/OR MATH.

I AM HIGHLY INTERESTED IN SCIENCE AND/OR MATH.

I AM MODERATELY INTERESTED IN SCIENCE AND/OR MATH.

I COULD BE CONVINCED TO BE INTERESTED IN SCIENCE AND/OR MATH.

I LIKE SCIENCE AND/OR MATH BUT I AM CURRENTLY MORE INTERESTED IN: _____

COMMENTS: _____

2. WHAT ARE YOUR LONG-RANGE CAREER GOALS AT THIS TIME? _____

3. LIST ACTIVITIES, OUTSIDE OF REGULAR CLASS WORK, THAT REFLECT YOUR INTERESTS. INCLUDE SUCH ITEMS AS HOBBIES. CONSIDER ACTIVITIES BASED ON PROBLEM-SOLVING OR CREATIVE EFFORTS; MATH, SCIENCE, COMPUTER PROJECTS; PARTICIPATION IN SCIENCE FAIRS, JSEHS, MJAS, OR JETS; BADGES IN 4-H AND SCOUTS; ATTENDANCE AT SCIENCE OR MATH PROGRAMS; ETC.:

4. PLEASE LIST ALL COURSES COMPLETED. BE SURE TO INCLUDE COURSES AND GRADES FOR 1ST AND 2ND SEMESTERS OF THE ACADEMIC YEAR. **YOU MUST REQUEST THAT YOUR SCHOOL ATTACH A TRANSCRIPT.**

9TH GRADE			10TH GRADE			11TH GRADE		
COURSE	SEMESTER GRADE		COURSE	SEMESTER GRADE		COURSE	SEMESTER GRADE	
	1	2		1	2		1	2

5. WHAT IS YOUR CUMULATIVE GRADE POINT AVERAGE IN GRADES 9 THROUGH THE LAST FALL SEMESTER? _____/4.00

6. WHAT TOPICS IN SCIENCE/MATH INTEREST YOU? BE AS SPECIFIC AS POSSIBLE. _____

7. HOW INTERESTED ARE YOU IN WRITING RESEARCH PAPERS?

NOT INTERESTED SLIGHTLY MODERATELY VERY STRONGLY COMMENTS: _____

8. IF YOU WERE ALLOWED, IN WHAT AREA OR ON WHAT PROBLEM WOULD YOU LIKE TO INVESTIGATE OR DO A RESEARCH PROJECT?

9. HOW MUCH TIME AND EFFORT ARE YOU WILLING TO PUT INTO A RESEARCH PROJECT OF YOUR OWN? _____

10. LIST SCHOOL ORGANIZATIONS AND ACTIVITIES IN WHICH YOU ARE INVOLVED. MENTION LEADERSHIP POSITIONS THAT YOU HAVE HELD:

11. WHAT OTHER ACTIVITIES OUTSIDE OF SCHOOL DO YOU ENJOY? (INCLUDE SPORTS, HOBBIES, ETC.): _____

12. LIST AWARDS, HONORS OR RECOGNITIONS YOU HAVE RECEIVED IN AND OUT OF SCHOOL: _____

13. LIST YOUR TOP THREE CAREER INTERESTS IN ORDER AND GIVE THEM A RELATIVE INTEREST RATING VALUE OF 1-100 POINTS IN RELATION TO EACH OTHER. POINTS MUST ADD UP TO 100. 1. _____;
2. _____; 3. _____ = 100 POINTS
14. WHAT IS THE HIGHEST POST-HIGH SCHOOL DEGREE TO WHICH YOU ASPIRE? PLEASE PUT A CONFIDENCE LEVEL IN THE APPROPRIATE BLANK FROM 1-100%. ____ A.A.; ____ B.S.; ____ M.S.; ____ Ph.D. (DOCTORAL); ____ OTHER _____
IN WHAT FIELD? _____
15. WILL YOU NEED A JOB THIS SUMMER? Yes No If YES, HOW MANY HOURS PER WEEK DO YOU INTEND TO WORK? _____ HOURS.
WHAT KIND OF JOB? _____ If YES, HOW MUCH DO YOU EXPECT TO CLEAR (NET) THIS SUMMER? \$ _____
16. WOULD YOU BE INTERESTED IN EARNING TWO SEMESTER HOURS OF COLLEGE CREDIT FOR YOUR RESEARCH WORK THROUGH A UNIVERSITY COURSE ENTITLED SCIENCE STUDENT RESEARCH? Yes No
17. TO WHAT DEGREE WOULD YOU BE INTERESTED IN CONTINUING YOUR RESEARCH PROJECT BEYOND THE SIX-WEEK PROGRAM?
 NONE AT PRESENT VERY LITTLE SOMEWHAT MOST LIKELY HIGHLY ABSOLUTELY CERTAIN
18. WHAT IS YOUR T-SHIRT SIZE? SMALL MEDIUM LARGE EXTRA-LARGE EXTRA-EXTRA-LARGE
19. DO YOU REQUIRE VEGETARIAN MEALS? Yes No; OTHER SPECIAL FOOD REQUIREMENTS? _____
20. WILL YOU, WITHOUT VARIANCE, COMMIT YOURSELF TO THE NECESSARY TIME, INCLUDING SOME EVENING HOURS, NEEDED TO SATISFACTORILY PARTICIPATE IN ALL ACADEMIC AND SOCIAL ACTIVITIES THAT ARE PART OF THE SCHEDULE OF THE STARS PROGRAM?
 Yes No STATEMENT OF STRENGTH OF COMMITMENT: _____

21. STUDENT ESSAY: WRITE A ONE-PAGE ESSAY ON ONE OF THE FOLLOWING TOPICS AND ATTACH IT TO THIS APPLICATION.
____ A. THE SCIENCE OR MATHEMATICS RESEARCH PROJECT THAT YOU WOULD PERSONALLY LIKE TO DO.
____ B. A PARTICULAR PROBLEM IN MATH OR SCIENCE THAT YOU FEEL NEEDS TO BE ADDRESSED.
____ C. YOUR RELATIONSHIP AS AN INDIVIDUAL TO SOCIETY, SCIENCE AND/OR TECHNOLOGY.
____ D. SOMETHING YOU FEEL IS OF PARTICULAR IMPORTANCE OR SIGNIFICANCE TO SOCIETY.
22. STUDENTS MUST SUBMIT ALL STANDARDIZED TEST SCORES (PSAT, SAT, PACT, ACT, ETC.) AND AT LEAST ONE (1) LETTER OF RECOMMENDATION FROM A SCIENCE TEACHER, COUNSELOR OR PRINCIPAL.

APPLICATION INFORMATION INCLUDES:

1. 2009 APPLICATION FORM
2. COMPLETE TRANSCRIPT
3. ALL STANDARDIZED TEST SCORES (PSAT, SAT, PACT, ACT, ETC.)
4. STUDENT ESSAY
5. AT LEAST ONE (1) LETTER OF RECOMMENDATION FROM A SCIENCE TEACHER, COUNSELOR, OR PRINCIPAL
6. LIST OF MENTOR CHOICES RANKED 1 TO 7
7. FINANCIAL AID APPLICATION (IF NEEDED)
8. A CHECK PAYABLE TO UM-ST. LOUIS FOR \$60.00 FOR YOUR APPLICATION FEE.

PERMISSION AND BINDING COMMITMENT AND AGREEMENT FOR THE STARS PROGRAM

WE/I HEREBY GRANT PERMISSION, AS PARENT OR GUARDIAN OF THE STUDENT, _____,
FOR HIS/HER NAME TO BE PLACED IN NOMINATION FOR ACCEPTANCE TO THE STUDENTS AND TEACHERS AS RESEARCH SCIENTISTS (STARS)
HEREAFTER KNOWN AS PROGRAM. WE ALSO AGREE AND ATTEST TO THE FOLLOWING PERTAINING TO THE ABOVE-NAMED STUDENT:

- 1. WE GIVE PERMISSION FOR RELEASE OF ALL PERTINENT SCHOOL DATA TO THE STARS PROGRAM FOR THE PURPOSE OF SELECTING STUDENT TO ATTEND THE PROGRAM;
- 2. WE UNDERSTAND THAT TRANSPORTATION TO AND FROM THE PROGRAM ACTIVITIES MUST BE ARRANGED BY THE STUDENT AND/OR FAMILY. WE FURTHER UNDERSTAND THAT IN CASE OF PROBLEMS OF ILLNESS, DISRUPTIVE BEHAVIOR, OR OTHER UNFORSEEN CIRCUMSTANCES, WE WILL BE RESPONSIBLE FOR TRANSPORTATION HOME AT ANY TIME WHEN PROGRAM OFFICIALS DEEM SUCH DISMISSAL NECESSARY FOR THE BENEFIT OF THE STUDENT OR OTHERS IN THE PROGRAM;
- 3. WE AFFIRM THAT THE STUDENT DOES NOT USE NON-PRESCRIPTION ADDICTIVE DRUGS, INCLUDING ALCOHOL AND NICOTINE;
- 4. WE UNDERSTAND THAT IT MAY BE NECESSARY FOR PROGRAM OFFICIALS TO OBTAIN EMERGENCY MEDICAL ASSISTANCE IN CASE OF ACCIDENT OR SUDDEN ILLNESS. WE FURTHER UNDERSTAND THAT, IN CASE OF ACCIDENT OR ILLNESS, WE ACCEPT RESPONSIBILITY FOR COSTS OF MEDICAL CARE OVER AND ABOVE THE LIMITED CARE PROVIDED BY THE STUDENT HEALTH SERVICE. WE HEREBY HOLD THE PROGRAM AND ITS AGENTS AND REPRESENTATIVES HARMLESS IN THE EXERCISE OF THIS AUTHORITY;
- 5. WE AGREE TO ADHERE TO THE RULES AND REGULATIONS OF THE PROGRAM CONCERNING THE RESPONSIBILITIES OF THE STUDENT TO THE ACTIVITIES OF THE PROGRAM. WE UNDERSTAND THAT THE DIRECTOR HAS THE RIGHT TO DISMISS AT ANY TIME ANY STUDENT WHOSE BEHAVIOR IS NOT CONSISTENT WITH THE GOALS AND STANDARDS OF THE PROGRAM;
- 6. WE UNDERSTAND THAT THE STUDENT WILL HAVE ACCESS TO THE INTERNET COMPUTER NETWORK AND OTHER SIMILAR INFORMATION ELECTRONIC NETWORKS AND GIVE CONSENT FOR THEIR USE AND ACCEPT ALL OF THE LIABILITIES AND RESPONSIBILITIES ASSOCIATED WITH THE DIVERSITY OF INFORMATIONAL SOURCES AND RESOURCES ASSOCIATED WITH THEIR USE AND POSSIBLE MISUSE;
- 7. WE GIVE PERMISSION FOR OUR STUDENT TO BE TAKEN ON FIELD TRIPS, ON AND OFF CAMPUS, AND RETAIN RESPONSIBILITY AND LIABILITY FOR THEIR WELFARE;
- 8. WE AGREE THAT THE STUDENT WILL PARTICIPATE IN THE COMPLETION OF QUESTIONNAIRES AND OTHER APPROPRIATE RESEARCH PROJECTS DONE AS PART OF THE PROGRAM’S EVALUATION. WE ALSO AGREE THAT PHOTOGRAPHS, ELECTRONIC IMAGERY AND SOUND OF OUR STUDENT TAKEN DURING THE PROGRAM, PAPERS WRITTEN BY HIM/HER DURING THE PROGRAM, AND SIMILAR ITEMS MAY BE USED BY THE PROGRAM IN REPORTS AND PUBLIC INFORMATION MATERIALS. WE FURTHER AGREE TO ALLOW THE PROGRAM TO RELEASE FOR EDUCATIONAL PURPOSES PHOTOGRAPHS AND VIDEO RECORDINGS, WITH OR WITHOUT AUDIO, OF ACTIVITIES AND PROJECTS INVOLVING THE STUDENT;
- 9. WE AGREE THAT SO-CALLED DIRECTORY INFORMATION ABOUT THE STUDENT, INCLUDING STUDENT’S NAME AND ADDRESS, SCHOOL, YEAR IN SCHOOL, AND NAME(S) AND ADDRESS(ES) OF PARENT(S) MAY BE RELEASED AT THE DISCRETION OF THE PROGRAM ADMINISTRATIVE STAFF; AND
- 10. WE UNDERSTAND THAT PARTICIPATION IN THE PROGRAM WILL REQUIRE A SUBSTANTIAL TIME COMMITMENT AND ARE WILLING TO MAKE ATTENDANCE AND FULL PARTICIPATION AT ALL ACADEMIC AND SOCIAL ACTIVITIES A FIRST PRIORITY.

WE CERTIFY THAT THE INFORMATION ON THIS APPLICATION IS COMPLETE AND ACCURATE AND THAT WE CONCUR WITH THESE STATEMENTS AND WILL ABIDE BY THE AGREEMENTS AND FULFILL THE COMMITMENTS SPECIFIED AND IMPLIED BY THIS APPLICATION.

SIGNATURES: _____
STUDENT DATE

PARENT(S)/LEGAL GUARDIAN(S) DATE

WITHOUT PARENTAL/LEGAL GUARDIAN CONSENT, THIS APPLICATION CANNOT BE PROCESSED.

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PLEASE RETURN TO:
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