



Science Research Institute (SRI) High School Student Application 2012-2013

Program description: The Science Research Institute (SRI) is a year-long program partnering college science and math majors and under-represented populations of high school students with an interest in science, technology, engineering and math (STEM) to develop their knowledge and skills in STEM and research. SRI begins with a 5-week summer program during which students learn science and math content through research modules that include laboratory experiments, group-based problem solving, field exploration and lecture. During the academic year, students engage in monthly activities as they continue to develop their understanding of STEM, explore career opportunities, and reach out to the community. **There is no fee to participate.**

Program dates:

Summer 2012:

Monday, July 2 – Friday, August 3
(9:00 am – 1:00 pm, M – F)

To be considered for admission to the program, students must be able to attend the **entire** specified time period.

Academic School Year 2012-2013:

Meetings will be held approximately once per month, with specific dates to be announced.

Program location:

Northwestern College, Roseville

(Participants will need to arrange for transportation)

Application deadline:

Monday, April 30, 2012

Submit application to:

Elizabeth Karlen, Program Coordinator
Concordia University-St. Paul
275 N. Syndicate St.
St. Paul, MN 55104
612-501-7529 or ekkarlen@nwc.edu

A partnership between Concordia University-St. Paul & Northwestern College



Concordia
UNIVERSITY-SAINT PAUL



NORTHWESTERN
COLLEGE

<http://www.nwc.edu/web/biology/science-research-institute>

High School Student Application Form—SRI Program

Please print legibly:

1. Student's name: _____
2. Permanent contact information:
Address: _____
City, State, Zip: _____
Phone(s): _____
E-mail address: _____
3. Date of birth: _____ Gender: _____
4. Resident status (U.S. citizen, permanent resident, or non-resident alien):

5. Place of birth (city, state, country): _____
6. Ethnic heritage (check one):
 Black/African American Hispanic/Latino White (non-Hispanic)
 Biracial/Multi-racial Asian American/Pacific Islander
 American Indian or Alaskan Native Tribe
7. I am eligible for the free or reduced-cost lunch at my school:
 Yes No
8. Current school: _____
9. Current year in school (2011-2012): Junior Sophomore Freshman
10. Grade point average (GPA): _____ out of _____ ACT or SAT score: _____
(if you've taken either exam)
11. Science and math courses completed (college and/or high school):

12. Parent/Guardian Name(s): _____

Phone: _____

Phone: _____

13. Emergency contact (name): _____

Phone: _____

14. Please list any honors or awards you have received and extracurricular activities in which you participate:

15. Please attach a transcript from your high school(s).

16. Please request a recommendation letter from one of your **science or math**

teachers. Have your teacher submit the SRI Program "Teacher

Recommendation Form". Name of teacher writing your recommendation

letter: _____ Teacher's subject area: _____

Class(es) you had with this teacher: _____

17. **Essay:** On a separate piece of paper, please write a 1 page, double-spaced essay related to the following questions:

- How did you first become interested in science?
- What scientific areas/topics do you find especially fascinating, and why?

Application checklist:

Student application form

Transcript from high school(s)

1 page essay

Requested a recommendation from a teacher

Application deadline: Monday, April 30, 2012

Students will be notified of the status of their application via email by May 18, 2012.

Submit application to: Elizabeth Karlen, Program Coordinator

Concordia University-St. Paul

275 N. Syndicate St.

St. Paul, MN 55104

612-501-7529 or ekkarlen@nwc.edu



Science Research Institute (SRI) Teacher Recommendation Form 2012-2013

Program description: The Science Research Institute (SRI) is a year-long program partnering college science majors and under-represented populations of high school students with an interest in science, technology, engineering and math (STEM) to develop their knowledge and skills in STEM and research. SRI begins with a 5-week summer program during which students learn science and math content through research modules that include laboratory experiments, group-based problem solving, field exploration and lecture. During the academic year, students engage in monthly activities as they continue to develop their understanding of STEM, explore career opportunities, and reach out to the community. Throughout the program, college students, and high school teachers act as mentors to the high school students.

Application deadline: Monday, April 30, 2012

Teachers: Please submit completed recommendation via mail or email to:

Elizabeth Karlen, Program Coordinator
Concordia University-St. Paul
275 N. Syndicate St.
St. Paul, MN 55104
612-501-7529 or ekkarlen@nwc.edu

If you are interested in participating in the SRI summer program as a high school teacher, please email Elizabeth Karlen for additional information and an application at ekkarlen@nwc.edu

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<http://www.nwc.edu/web/biology/science-research-institute>

Teacher Recommendation Form – SRI Program

1. Student's name: _____
2. Your name: _____
School: _____ Work phone: _____
E-mail address: _____
3. Courses you teach: _____

How long have you known the applicant and how well would you say you know her/him?

Please rate the applicant in comparison with other high school students you have taught (place an "X" in the appropriate category):

	Outstanding	Very Good	Good	Fair	Not able to judge
Intellectual ability					
Ability to express self-verbal					
Ability to express self-written					
Ability to work with others					
Emotional maturity					
Dependable, responsible, ethical					
Open to new experiences					
Enthusiasm/motivation for learning					
Enthusiasm for science/math					

Please address the following questions about this student in a separate letter of recommendation:

- Comment briefly on the student's potential to contribute to and benefit from participation in the SRI program. Discuss the applicant's strengths as well as any areas for improvement.
- Do you know of any special factors that should be considered or taken into account when considering the applicant for participation in the Science Research Institute (SRI) program?