



**2. Please answer all questions briefly, yet clearly within the space provided:**

- A.** List other institutions or programs, *outside of your high-school courses and activities*, in which you have participated (summer camps, college courses, community/volunteer activities, hobbies, etc.).
- B.** List all extra-curricular *high school* activities, *since 9th grade*, in which you have participated (student council, Science Olympiad, band, drama, FBLA, publications, athletics, MESA).
- C.** List all high school honors and awards, as well as any science fair projects you have completed.
1. Honors/Awards:
  2. Science Fair Projects (*do not* include regular science course lab activities):
- D.** In paragraph form, describe what **you perceive** as your most favorable *and* least favorable characteristics (*no physical traits please*).

**E.** Please **type and attach** a 250 to 350-word essay explaining your interests in STEM (science, technology, engineering & mathematics), why you wish to attend FSI, what your expectations are of the program, and why you should be selected for an FSI scholarship.

**F.** While attending the six-week FSI program, you will be living in close contact with about thirty of your peers. What contributions will you make to your residential-life community and how do you hope to grow personally from the experience?

**G.** List any special skills (i.e., artistic, proficiency in Web Design, public speaking, writing, etc.).

**H.** *Concerning research*, rank the top three subject areas (1 to 3) in which you are most interested.

\_\_\_ Archaeology \_\_\_ Astronomy \_\_\_ Atmospheric Science \_\_\_ Cellular/Molecular Biology \_\_\_ Chemistry  
\_\_\_ Computer Programming \_\_\_ Dietetics \_\_\_ Ecology \_\_\_ Engineering \_\_\_ Env. Earth \_\_\_ Geology  
\_\_\_ Mathematics \_\_\_ Meteorology \_\_\_ Physics \_\_\_ Pre-Health/Biomedical \_\_\_\_\_ Other

**I.** List *at least one* advanced topic that you would like to learn about in each area:

**Science:** \_\_\_\_\_

**Technology:** \_\_\_\_\_

**Engineering:** \_\_\_\_\_

**Mathematics:** \_\_\_\_\_

**J.** Which is your anticipated education degree goal beyond high school?

1. Bachelors \_\_\_ Masters \_\_\_ Doctorate \_\_\_ Other \_\_\_\_\_

2. List three (3) careers that interest you.

1)

2)

3)

**K.** Are you interested in taking the FSI course for college credit (4 credits)? \_\_\_ Y \_\_\_ N

All applicants submitting a complete out-of-state application will be considered for independent scholar admittance to the program and will be notified of their status soon after full application is received.

**3. Statement of Applicant**

I, \_\_\_\_\_, verify that I have answered all of the above questions truthfully, and that my interest in attending FSI is sincere. I understand, in the event that I am offered *independent scholar admission* to attend the 2018 summer program, that I am making a full six-week commitment.

**Signature of Applicant:** \_\_\_\_\_ **Date:** \_\_\_\_\_  
(If you are submitting your FSI application online and do not have an electronic signature, please mail page 4 to FSI with appropriate signatures)

**4. Statement of Parent/Guardian:**

As the **parent/guardian** of the above-named applicant, I/we approve \_\_\_\_\_'s application  
(circle which) Student's name  
for admission to the Frontiers of Science Institute as an independent scholar. ***Upon receipt and acceptance of FSI's formal invitation to attend the 2018 program, I/we accept responsibility for payment of the non-refundable \$1,500 deposit and remaining independent scholar participation fee of \$2,500. Payment in full is accepted at any time.***

I/we also understand that neither the University of Northern Colorado nor the Frontiers of Science Institute will provide insurance on, or provide payment of, medical or hospital charges for my child participant. I/we take responsibility for any and all medical needs throughout their entire 6-week participation in FSI and will provide personal insurance information upon acceptance into the program.

**Signature of Parent/Guardian:** \_\_\_\_\_ **Date:** \_\_\_\_\_  
(For online submission without an electronic signature, please mail page 4 to FSI with appropriate signatures)

_____ Parent/Guardian #1	_____ Parent/Guardian #2
(    )                      (    ) _____ Cell #                      Work #	(    )                      (    ) _____ Cell #                      Work #
_____ Mailing address	_____ Mailing address (if different)
_____ City                      State                      Zip	_____ City                      State                      Zip
Employer: _____	Employer: _____

**Address any questions regarding the 2018 program or this application to:**

**Lori K. Ball, Program Administrator**  
**Daytime phone: 970.351.2976**  
**Evening phone: 970.396.9650**  
**E-mail address: [lori.ball@unco.edu](mailto:lori.ball@unco.edu)**  
**Web address: [www.fsiunc.org](http://www.fsiunc.org)**

## Frontiers of Science Institute Recommendation Request

\_\_\_\_\_ is applying for admission to the Frontiers of Science Institute. We would appreciate your comments on this student's potential to successfully complete a six-week summer, residential, hands-on STEM (science, technology, engineering & mathematics) program. Some information helpful for our evaluation includes:

- number of years you have known the student
- ability to work independently or unsupervised
- self-motivation and attitude
- ability to work in a group
- interest level in STEM subjects
- academic ability/laboratory experience
- description of any completed science projects or programming experience

Thank you for your help.

**Applicant: Please detach and give to your science/technology/mathematics teacher.**

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\_\_\_\_\_ is applying for admission to the Frontiers of Science Institute. We would appreciate your comments on this student's potential to successfully complete a six-week summer, residential, hands-on STEM (science, technology, engineering, mathematics) program. Some information helpful for our evaluation includes:

- number of years you have known the student
- ability to work independently or unsupervised
- self-motivation and attitude
- ability to work in a group
- interest level in STEM subjects
- academic and writing ability
- description of any lengthy writing assignments completed by the student

Thank you for your help.

**Applicant: Please detach and give to your English teacher.**

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## Frontiers of Science Institute Recommendation Request

\_\_\_\_\_ is applying for admission to the Frontiers of Science Institute. We would appreciate your comments on this student's potential to successfully complete a six-week summer, residential, hands-on STEM (science, technology, engineering & mathematics) program. Some information helpful for our evaluation includes:

- number of years you have known the student
- ability to work independently or unsupervised
- self-motivation and attitude
- ability to work in a group
- interest level in STEM subjects
- academic ability
- confidence, social skills, assertiveness, ability to live away from home

Thank you for your help.

**Applicant: Please detach and give to your counselor.**