



Part A- Student Application, Background & Check List

## **LTER/ EPSCoR HSSRIP 2008 Student Application** **May 27 – July 10, 2008**

**Application Deadline: Received in HSSRIP office no later than 10 April, 2008**

### **MISSION STATEMENT**

The University of Alaska Fairbanks (UAF) Long Term Ecological Research program (LTER) and the Experimental Program to Stimulate Competitive Research (EPSCoR) established the High School Summer Research Internship Program (HSSRIP) to prepare rural and Alaska Native high school students for academic excellence and college success. Internships are held in conjunction with the Rural Alaska Honors Institute (RAHI), a UAF summer program for Alaska Native honors students.

### **OVERVIEW**

HSSRIP is designed to give Alaskan students an opportunity to work on a science research project under the guidance of a university scientist (professor and/ or graduate student). Research may consist of field and laboratory work and activities include collecting, inputting, analyzing, and summarizing data. Interns will present findings at the end of the six week period and will earn two UAF credits.

### **CAMPUS LIFE**

**Housing** – Interns will live in a UAF residence hall with a RAHI or HSSRIP roommate and full-time residence staff who supervise, tutor, and give support to students to live comfortably and to work efficiently. Students are divided into family groups of roughly eight each.

**Recreation** - Recreational offerings on weekends are available. A fun, stress relieving midterm break weekend outing occurs on 20 June. Student Recreation Center, Wood Student Center, and Patty Pool are among campus or recreational facilities available for use.

**Meals** - Students eat at the campus dining facility.

**Permission to Leave Campus** - Interns may be checked out to leave the campus only with adults, approved in writing, in advance, by parents or guardians, and only at times that do not conflict with work schedules. Interns may not be checked out overnight or weekends.

### **SELECTION OF STUDENTS**

If you are committed to earning a college degree, you should apply. The HSSRIP selection committee reads each application and ranks it, then makes a recommendation to the HSSRIP office. HSSRIP will notify all applicants by early May. Not everyone is accepted. Alternate summer plans include RAHI, Upward Bound Math/Science, or Upward Bound Classic, U-Doc/Della Keats, Raven's Quest, Alaska Science Research Academy (ASRA), or other programs.

### **INTERSHIP DATES**

Travel to Fairbanks is May 27 and orientation is May 28. First day of work is May 29. Students may not start internships late or leave early. No late starts! No early departures! If you quit before completion you will not earn college credits. Interns will prepare a 15 minute presentation about their internship work to be given at a gathering of fellow interns, researchers, and HSSRIP staff on 9 July.

*“Challenge yourself!”*

1

### RULES

Responsibility to self and to each other, plus university and state law all combine to shape HSSRIP rules of conduct outlined in a student contract. Safety, comfort, and the need to ensure an atmosphere that supports learning are all objectives of this policy. Interns are expected to be prepared and on time, and participate in program social events. Interns respect each other, other students, mentors, and residence staff, as well as property. *It is your responsibility to arrive to work on time every work day, Monday through Friday. If you are consistently late for work, your internship may be cut short and you will need to return home at your expense.*

### WHAT TO BRING

You may be working outside for much of the work day as a field assistant. Fairbanks summer weather can be cool and rainy and mosquitoes are almost always present. Bring clothes for working outside: long pants, long-sleeved shirts, sweat shirts, rain coat, and strong water resistant work boots. You will also need a day pack for carrying a sack lunch, raincoat, etc.

### STAFF

Research mentors are typically UAF professors and/ or their graduate students. Staff is available for individual help. RAHI/ HSSRIP residence staff are made up of adults, including some upper class college students, who live with students during RAHI/ HSSRIP. A program director, academic coordinator, residence hall director, and program assistant provide overall program supervision and support. Staff is here to help the students be successful at HSSRIP.

### COST

Interns are sponsored by the program, which will cover all costs for travel, room, board, and for the 2 credit class.

### DEADLINE

Give parts "B", "C" and "D" of this application to the appropriate persons to complete their parts. Complete and fax or e-mail this application so it is received in the HSSRIP office *no later than 10 April, 2008*. It is your responsibility to have all the parts of the application received by HSSRIP by that deadline. Faxing before the deadline is preferred and more reliable. You must check back with those persons making recommendations, your teacher, counselor and a community person, to ask if they have sent their parts to us on time. Make certain your school sends us your transcript and test scores. Applications are kept confidential and are only seen by the readers on the committee and by HSSRIP 2008 staff. Call us at 907-474-2794 or 907-474-7699 or email [fnmrk@uaf.edu](mailto:fnmrk@uaf.edu) or [ffebs@uaf.edu](mailto:ffebs@uaf.edu) if you need help or have any questions.

Use this checklist in preparing your application.

- Part A, Application** - Fill out completely, leave nothing blank, send to us on time.  
**Part A, Essay** – An essay is required. A few sentences do not make an essay – 300 words please, and no help allowed from anyone in writing your essay!
- Part B, School Assessment** - Give one copy to your counselor or principal and one copy to a teacher who knows you and your work. Be sure they complete and fax/ e-mail their part to us on time.
- Part C, Community Recommendation** - Give this to someone in your community who knows you well. Be sure they fill out and send it to us on time.

**We will notify you on the status of your application.  
Please pay attention to this process.**

**HSSRIP DOES NOT CONSIDER INCOMPLETE OR LATE APPLICATIONS**

*“Challenge yourself!”*

2



Part A, Student Application  
(page 1 of 3)



**Application for the LTER/ EPSCoR Sponsored  
High School Summer Research Internship Program (HSSRIP) - Deadline: April 10, 2008  
Program Dates, May 27 – July 10, 2008**

Fill out completely. Leave nothing blank. Write in N/A where not applicable. *Your completed application must be received by the HSSRIP office no later than April 10, 2008- NO EXCEPTIONS.*

**PERSONAL DATA**

Gender: Male  Female  Current Grade Level: Junior  Senior   
Name: \_\_\_\_\_ Birth date: \_\_\_\_\_  
Home Address: \_\_\_\_\_  
Box # City/Town Zip Code  
How many years have you lived at this address? \_\_\_\_\_ Social Security #: \_\_\_\_\_  
Home Phone: \_\_\_\_\_ Email Address: \_\_\_\_\_

**EDUCATIONAL DATA**

School now attending: \_\_\_\_\_  
School address: \_\_\_\_\_  
Box # City/Town Zip Code  
Graduation/last day of school: \_\_\_\_\_ Counselor: \_\_\_\_\_  
School telephone: \_\_\_\_\_ School FAX: \_\_\_\_\_  
Any other schools attended:  
\_\_\_\_\_  
Dates: \_\_\_\_\_ Grades: \_\_\_\_\_ Why left: \_\_\_\_\_  
\_\_\_\_\_  
Dates: \_\_\_\_\_ Grades: \_\_\_\_\_ Why left: \_\_\_\_\_  
Favorite high school course: \_\_\_\_\_  
Courses taken outside of high school for college credit, if any:  
\_\_\_\_\_  
# of credits completed: \_\_\_\_\_  
\_\_\_\_\_  
# of credits completed: \_\_\_\_\_  
Academic honors received: \_\_\_\_\_  
College/university you have applied for and have been accepted to:  
\_\_\_\_\_  
Name of School (s) Location  
\_\_\_\_\_  
Name of School (s) Location  
Any other summer programs you have attended:  
\_\_\_\_\_  
Name of Program (s) Dates  
\_\_\_\_\_  
Name of Program (s) Dates  
Favorite non-academic activities:

**“Challenge yourself!”**



**BIOGRAPHICAL DATA**

Father's name: \_\_\_\_\_ Mother's name: \_\_\_\_\_  
 Living  Deceased  Living  Deceased  
Home address if different from yours: \_\_\_\_\_ Home address if different from yours: \_\_\_\_\_

Home phone: \_\_\_\_\_ Home phone: \_\_\_\_\_  
Work phone: \_\_\_\_\_ Work phone: \_\_\_\_\_  
Email: \_\_\_\_\_ Email: \_\_\_\_\_

Native corporations and tribal affiliations:  
Father's village corporation: \_\_\_\_\_ Mother's village corporation: \_\_\_\_\_  
Regional corporation: \_\_\_\_\_ Regional corporation: \_\_\_\_\_  
Tribal affiliation: \_\_\_\_\_ Tribal affiliation: \_\_\_\_\_

With whom do you make your permanent home?  Father  Mother  Legal Guardian  Other relation

Legal Guardian: (if applicable) \_\_\_\_\_ Guardian Email: \_\_\_\_\_

Full address: \_\_\_\_\_  
Physical City/Town Zip Code

Telephone: \_\_\_\_\_  
Home Work Emergency

*The following items are optional:*

First language, if other than English: \_\_\_\_\_ Language spoken at home: \_\_\_\_\_

Please check all that apply:

- Alaska Native: which (Tlingit, Yup'ik, etc.)?: \_\_\_\_\_
- American Indian: which (Navajo, Cree, etc.)?: \_\_\_\_\_
- Asian American  Native Hawaiian, Pacific Islander
- Hispanic  African American, Black
- White or Caucasion  Other (specify): \_\_\_\_\_

**“Challenge yourself!”**



**SHORT ANSWER QUESTION**

Choose a non-academic activity in which you participated and explain in two sentences why it has been meaningful to you.

---

---

---

---

---

---

**REQUIRED ESSAY**

A formal essay is required (300 OR MORE WORDS). No teacher, counselor, or anyone else may help you. Follow the directions exactly. Do not write only a few sentences, or only a brief statement. The essay is a major part of your application and will count heavily in the final selection. Attach your typed essay on a separate sheet. You must put your name on each sheet.

**At HSSRIP you live with 40 other rural and Alaska Native students in a fast-paced, highly structured environment. You will be doing research work under the guidance of a scientist mentor.**

**Explain**

- a. **what strengths would you bring to HSSRIP?**
- b. **what do you hope to gain from this experience?**

**Include your thoughts on academic interests and personal perspectives.**

Include the typed essay with your application. You may use a dictionary, grammar text, and spell check.

**REQUIRED SIGNATURE**

**ABSOLUTELY NO TOBACCO, ALCOHOL OR ILLEGAL DRUG USE OR POSSESSION ALLOWED AT HSSRIP.**

Can you agree to this? \_\_\_\_\_

I certify that all information in my application is the truth, to the best of my knowledge. I certify the essays are my own work. I hereby apply for admission to HSSRIP. I understand I must attend from May 27 to July 10, and that ***I must maintain a steady effort to arrive at my place of work on time every work day, complete all required job-related work,*** and participate in the academic and social aspects of the HSSRIP program.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

*“Challenge yourself!”*



Part B, School Assessment: counselor, principal  
(page 1 of 2)



LTER/ EPSCoR HSSRIP 2008 Student Application

**CONFIDENTIAL SCHOOL ASSESSMENT**

To be filled out by school counselor or principal

**\*\* DEADLINE: RECEIVED BY THE HSSRIP OFFICE NO LATER THAN April 10, 2008\*\***

Student's name: \_\_\_\_\_ School \_\_\_\_\_ Present Grade:  Jr  Sr

Any individual completing this form should have sufficient knowledge of the applicant to provide the information requested. HSSRIP prepares students for college and is rigorous. Help us to know this student! Nominate a present junior or senior to HSSRIP who is motivated to earn a college degree. A cumulative grade point average of at least 3.0 is preferred and student should read at or above grade level; preferably have lived all or most of their life in rural Alaska; and be likely to improve their chances for college success by early exposure to college learning. HSSRIP encourages rural Alaska Natives to apply. Be candid; all information is kept confidential. Only those who score applications will see it. Do not help students with writing their required essay. This is a FORMAL ESSAY, demonstrating the student's writing. Thank you for your help.

1. Student cumulative GPA \_\_\_\_\_
2. If you answer no to the following questions, please explain: \_\_\_\_\_  
 Standardized test scores reflect ability?  Yes  No  
 Does student read at grade level?  Yes  No
3. School recommenders sometimes write favorably about a student's academic strengths and describe them generally as a wonderful candidate for HSSRIP. A poor transcript may contradict this assessment with many Cs, Ds and even failing grades. If this is the situation, please explain the contradiction:

---



---



---



---



---

Please answer the following questions. If your answer to any of these questions is "yes," please write a brief explanation. If you need more space for your responses, feel free to attach another sheet:

- Does student have a history of inappropriate behavior?  Yes  No
- Does the student have a history of drugs and/or alcohol problems?  Yes  No
- Does the student smoke (yes does not disqualify)?  Yes  No
- Does the student have supportive parents/ family?  Yes  No

*"Challenge yourself!"*

Part B, School Assessment: counselor, principal  
(page 2 of 2)



**Overall Recommendation: Write a brief statement to help us know this student:**

1. Attitude toward education, eg., excited, motivated, intellectually inquisitive.

---

---

---

---

---

2. What are this student's weaknesses?

---

---

---

---

---

3. Please describe the student in the following areas. What are the student's plans to earn an academic degree, ability to understand new material and to adapt to new situations, punctuality, work attendance, maturity under stress, motivation to learn, ability to meet deadlines and to complete assignments on time, leadership, and respect for authority. Please be frank and direct.

---

---

---

---

---

---

---

---

---

---

Print your name: \_\_\_\_\_

Title: \_\_\_\_\_

E-Mail: \_\_\_\_\_

Familiar with HSSRIP? \_\_\_\_\_

Signature: \_\_\_\_\_

Date \_\_\_\_\_

*“Challenge yourself!”*

Part B, School Assessment: teacher  
 (page 1 of 2)



LTER/ EPSCoR HSSRIP 2008 Student Application

**CONFIDENTIAL SCHOOL ASSESSMENT**

to be filled out by math, science, or English teacher

**\*\* DEADLINE: RECEIVED BY THE HSSRIP OFFICE NO LATER THAN April 10, 2008\*\***

Student's Name: \_\_\_\_\_ School: \_\_\_\_\_ Present Grade  Jr.  Sr.

Subject (s) you teach: \_\_\_\_\_

Any individual completing this form should have sufficient knowledge of the applicant to provide the information requested. The High School Summer Research Program (HSSRIP) prepares students for college and is rigorous. HSSRIP is designed to give Alaskan students an opportunity to work on a science research project under the guidance of a university scientist (professor and/ or graduate student). This year, research projects will be focused on long term ecological/ environmental investigations, including moose herbivory, vegetation (tree and shrub) biomass measurements following forest fire, etc. Research may consist of field and laboratory work and activities include collecting, inputting, analyzing, and summarizing data, and, presenting findings at the end of the six week period. Students can earn up to two UAF credits. Help us to know this student! Nominate a present junior or senior to HSSRIP who is motivated to earn a college degree. A 3.0 or better cumulative grade point average is preferred and the student should read at or above grade level; preferably have lived all or most of their life in rural Alaska; and be likely to improve their chances for college success by early exposure to college learning. HSSRIP encourages rural Alaska Natives to apply. Be candid; all information is kept confidential. Only those who score applications will see it. Do not help students with writing their required essay. This is a FORMAL ESSAY, demonstrating the student's writing. Thank you for your help.

1. Please answer the following questions. If your answer to any of these questions is "yes," please write a brief explanation. If you need more space for your responses, feel free to attach another sheet:

- Does the student read below grade level?  Yes  No
- Does the student have a history of inappropriate behavior?  Yes  No
- Does the student show a lack of respect for authority, peers or property?  Yes  No
- Does the student have a history of drugs and/or alcohol problems?  Yes  No
- Does the student smoke? (does not disqualify)  Yes  No

2. Please provide a brief explanation for each question:

- How is this student's attendance in your class? \_\_\_\_\_
- Does this student follow directions and complete work on time?  Yes  No
- What grade do you expect this student to receive in your class? \_\_\_\_\_
- Does the student have supportive parents/family?  Yes  No

**"Challenge yourself!"**

Overall Recommendation: Write a brief statement to help us know this student:

1. Attitude toward education, e.g., excited, motivated, intellectually inquisitive.

---

---

---

---

---

2. What are this student’s weaknesses?

---

---

---

---

---

3. Please describe the student in the following areas. What are the student’s plans to earn an academic degree, ability to understand new material and to adapt to new situations, punctuality, maturity under stress, motivation to learn, ability to meet deadlines and to complete assignments on time, leadership, and respect for authority. Please be frank and direct.

---

---

---

---

---

---

---

---

---

---

Print your name: \_\_\_\_\_

Title: \_\_\_\_\_

E-Mail: \_\_\_\_\_

Familiar with HSSRIP? \_\_\_\_\_

Signature: \_\_\_\_\_

Date \_\_\_\_\_

*“Challenge yourself!”*

Part C, Community Recommendation  
(page 1 of 1)



LTER/ EPSCoR HSSRIP 2008 Student Application

## COMMUNITY RECOMMENDATION

to be filled out by someone in your community who know you well.

**\*\*DEADLINE: RECEIVED BY THE HSSRIP OFFICE NO LATER THAN April 10, 2008\*\***

Student's Name: \_\_\_\_\_ Community: \_\_\_\_\_ Present Grade \_\_\_\_\_

Any individual completing this form should have sufficient knowledge of the applicant to provide the information requested. The High School Summer Research Internship Program (HSSRIP) prepares students for college and is rigorous. Help us to know this student! Please answer these questions according to your best knowledge. Be candid; all information is kept confidential. Only those who score applications will see it. Thank you for your help.

Please answer the following questions and comment on answer below. If you need more space for your responses, feel free to attach another sheet:

- |   |                          |     |                          |    |
|---|--------------------------|-----|--------------------------|----|
| Does student undertake tasks without being asked?           | <input type="checkbox"/> | Yes | <input type="checkbox"/> | No |
| Does this student willingly follow directions?              | <input type="checkbox"/> | Yes | <input type="checkbox"/> | No |
| Does this student act in a mature, dependable way?          | <input type="checkbox"/> | Yes | <input type="checkbox"/> | No |
| Does this student have a history of drug or alcohol use?    | <input type="checkbox"/> | Yes | <input type="checkbox"/> | No |
| Does this student have a history of inappropriate behavior? | <input type="checkbox"/> | Yes | <input type="checkbox"/> | No |

Please help us know this student, write a statement of recommendation that shows strengths and weaknesses that will help us know this student better. Please be candid. Use reverse side, if necessary. Thank you.

---

---

---

---

---

---

---

---

Print your name: \_\_\_\_\_ How long have you known this student? \_\_\_\_\_  
Address \_\_\_\_\_ E-Mail \_\_\_\_\_  
Signature: \_\_\_\_\_ Date \_\_\_\_\_

*“Challenge yourself!”*

Part D, Transcripts and Test Scores Request  
(page 1 of 1)



LTER/ EPSCoR HSSRIP 2008 Student Application

## TRANSCRIPTS AND TEST SCORES

to be filled out by student and submitted to your school office

**\*\* DEADLINE: RECEIVED BY THE HSSRIP OFFICE NO LATER THAN April 10, 2008\*\***

Student: Fill out your portion of this form, then submit to the school counselor or principal. This form authorizes your school to send us your transcripts and test scores.

Student applicant information:

Student's name (print) \_\_\_\_\_

Address: \_\_\_\_\_

Social Security #: \_\_\_\_\_

Date of Birth: \_\_\_\_\_

I am presently a:  Junior  Senior

I graduate/will graduate on (date): \_\_\_\_\_

From (name of school): \_\_\_\_\_

Student's signature: \_\_\_\_\_

Date today: \_\_\_\_\_

**To My School:** Please fax a copy of the following to HSSRIP

1. My full transcript including the fall 2007 semester.
2. The last three years of my standardized test scores
3. Deadline: Received by HSSRP no later than April 10, 2008

*"Challenge yourself!"*

Fax application to:  
Martha Robus Kopplin, LTER/ EPSCoR sponsored High School Summer Research Internship Program (907) 474-2679  
OR e-mail to [fnmrk@uaf.edu](mailto:fnmrk@uaf.edu) or [ffebs@uaf.edu](mailto:ffebs@uaf.edu)