

AISES – LAKE ERIE PROFESSIONAL CHAPTER HIGH SCHOOL SCHOLAR PROGRAM

Formed in the fall of 2004 and based out of Cleveland, Ohio, the American Indian Science and Engineering Society – Lake Erie Professional Chapter (AISES – LEPC) is a nonprofit professional chapter within the National AISES organization. AISES has worked to substantially increase American Indian/Alaska Native representation in science, technology, engineering and math (STEM) fields - as students, professionals, mentors, and leaders. AISES employs a "full circle of support" model for members which begins with pre-college programs, progresses into collegiate life and the professional years and continues through retirement.

AISES – LEPC invites high school juniors, seniors, or recent high school graduates (within one year of graduation) to apply to the AISES – Lake Erie Professional Chapter High School Scholar Program. This program was implemented in 2010 to support Native American high school juniors and seniors with interests in the STEM field from the AISES-Lake Erie Professional Chapter region. *One student will be selected to participate in a fully funded trip (airfare + lodging + meal allowance) to the 2013 AISES National Conference in Denver, Colorado on October 31st to November 2nd, 2013.*

At this conference, student attendees will have the opportunity to:

- Represent their Tribal Nation and LEPC as a High School Scholar
- Deepen their understanding of career paths in the STEM fields
- Learn how to network and develop skills that are key to success in their career
- Meet representatives and obtain materials from college and university admissions
- Learn more about scholarships, internships and other opportunities at the Career Fair
- Meet companies and organizations that are committed to advancing opportunity and access to the American Indian/Alaska Native community
- Gain hands-on experience in developing their college application and/or resume
- Develop leadership and problem solving skills
- Participate in cultural and social activities
- Enjoy a gathering of people with similar interests
- Attend dynamic workshops designed for high school students

Those interested in applying must be:

- At least 16 years of age or older as of October 31, 2013
- A high school junior, senior, or recent high school graduate (within one year of graduation from high school and enrolled in a post secondary or trade school)
 - Attend a school or live with the AISES defined geographic region six
 - <http://www.aises.org/Membership/SchoolsandChaptersDirectory/Region6>
- Have a cumulative GPA of at least 2.0 (on a 4.0 scale)
- Have an interest in the Science, Technology, Engineering, and/or Mathematics (STEM) fields
- An American Indian/Alaska Native or of First Nations ethnicity

Completed applications must be postmarked or emailed by September 27th, 2013.

Mailing Address:

American Indian Science & Engineering Society – Lake Erie Professional Chapter
4721 Franklin Blvd, Cleveland, OH 44102
Email: joseph.w.connolly@nasa.gov

AISES – LAKE ERIE PROFESSIONAL CHAPTER HIGH SCHOOL SCHOLAR APPLICATION

Application Packet Checklist:

- Completed Application – Parts 1 and 2 filled out completely
- Personal Statement – Both questions in Part 3 answered and attached
- Unofficial High School Transcript

**Completed application packets must be postmarked or
emailed to joseph.w.connolly@nasa.gov
No Later Than **September 27th, 2013.****

Mailing Address:

American Indian Science & Engineering Society – Lake Erie Professional Chapter
4721 Franklin Blvd, Cleveland, OH 44102

PART 1: STUDENT PROFILE

Name:

Last

First

Middle Initial

Tribal Affiliation:

Date of Birth:

(Month/Day/Year)

Gender:

- Male
- Female

I am (check one):

- A United States Citizen
- A Permanent Resident of the United States
- Not a U.S. citizen, nor a permanent U.S. Resident

Home Address:

Street

City

State

Zip

Telephone No.: ()

Type (ie. Home/Work/Cell)

Alternate Telephone No.: ()

Type (ie. Home/Work/Cell)

Email Address (Required):

PART 2: ACADEMIC PROFILE

- *High school information and cumulative grade point average on a 4.0 scale must be provided.*
- *List all high schools you have attended starting with the most current.*
- *Unofficial transcript(s) must be submitted.*

Name of High School #1 (current):

Location (City/State)

Phone Number

Attendance (Month/Year)

Name of High School #2:

Location (City/State)

Phone Number

Attendance (Month/Year)

Name of High School #3:

Location (City/State)

Phone Number

Attendance (Month/Year)

Indicate what year you will be in the 2013-2014 academic year:

Junior
 Senior
 Recent High School Grad (*within 1 yr from graduation*) _____
Graduation Date

What is your cumulative GPA? (on a 4.0 scale):

What major do you want to pursue in college and why?

(i.e. Computer Science, Engineering, Pre-Med, Biology, etc.)

PART 3: PERSONAL STATEMENT

ESSAY GUIDELINES:

1. Include your full name on each page.
2. Limit your response to 500 words.
3. Essay must be typed, double-spaced, in 12-point Times New Roman font with 1-inch margins on all sides of the page.
4. Specifically address Questions 1, 2, & 3 as stated below.
5. Complete response in a separate document and attach to application form.
6. Proofread for spelling, punctuation, and grammatical errors.

In 500 words or less, address the following:

Question 1: Describe your interest in participating in the 2013 AISES National Conference. What do you hope to gain from the conference? What do you hope to contribute as a participant within the conference?

Question 2: Discuss any experiences that have influenced your interest in a Science, Technology, Engineering, and/or Mathematics (STEM) field. Include any academic and/or personal obstacles you have faced (or still need to overcome) in order to pursue a career in a STEM field.

Question 3: Discuss your involvement in your American Indian culture and community. Has your involvement in your culture had an impact on your desire to pursue a degree in the STEM fields?
