Nā Pua Noʻeau’s is offering the following 2-week residential classes during their Summer Institute program at the University of Hawai‘i at Hilo and Mānoa campuses on June 14 - 27, 2015. Experience “hands-on” educational enrichment with Native Hawaiian content integrated into these academic classes. Complete the application and return it to Nā Pua Noʻeau to apply for one of these classes listed below. More information and details of classes are listed on the following pages.

**University of Hawai‘i at Hilo and Mānoa – June 14 - 27, 2015**

**Papa Hulihonua (Cultural Geology)**
- **Kumu** – Terry Reveira
- **Grades**: 6 - 8  
- **Held at**: UH-Hilo
- Learn about volcanoes and geology that links places and cultural stories to Hawai‘i’s past and present.

**Reef Walkers (Marine Science)**
- **Kumu** – Lois Sanekane
- **Grades**: 6 - 8  
- **Held at**: UH-Hilo
- Become the new steward of our ‘āina as we explore the fragile environment beneath the waters of the ocean, coastlines, tide pools, and reefs.

**Wai and Kai (Environmental Science)**
- **Kumu** – Hoʻoululähui Erika Perry
- **Grades**: 9 - 12  
- **Held at**: UH-Hilo
- Learn how the environments are influenced by wai (fresh water) of the forests and rivers to the kai (sea water) of the fishponds and deep sea.

**Pūlama Nohona - Cherishing Our Landscapes and Lifeways in Hawai‘i**
- **Kumu** – Kainana Francisco & Lokelani Brandt
- **Grades**: 9 - 12  
- **Held at**: UH-Hilo
- Develop an understanding and deeper appreciation of your relationship to your island’s natural and cultural heritage.

**Mālama Kanaloa - Caring for our Oceans**
- **Kumu** – Narrissa Spies
- **Grades**: 9 - 12  
- **Held at**: UH-Mānoa
- Protect our oceans and shorelines by learning how to manage them with both traditionally ecological techniques, as well as western science techniques used by agencies, such as NOAA.

**Papa Mele - The Art of Hawaiian Music**
- **Kumu** – Kamaka & Kalaʻe Camarillo
- **Grades**: 9 - 12  
- **Held at**: UH-Mānoa
- Understand and appreciate traditional and contemporary Hawaiian music. Experience basic music theory and aural training. Techniques on how to sing will also be taught.

**Consciousness Through Aloha ʻĀina**
- **Kumu** – Aubrey Matsuura
- **Grades**: 9 - 12  
- **Held at**: UH-Mānoa
- Consciousness is the state of being aware of one’s surroundings, mentally, physically and spiritually. Discover what Aloha ʻĀina meant to our kūpuna, what it is for us and the generations to come.

**Kālai and Living Art Integration**
- **Kumu** – Eddie Fuentes
- **Grades**: 9 - 12  
- **Held at**: UH-Mānoa
- Spending time outdoors, learning about carving naturally found materials, such as wood, stone and bone, can be an opportunity to nurture your artistic nature.

**for more information contact Nā Pua Noʻeau:**

**Oʻahu**
- **University of Hawai‘i at Mānoa**  
  - 2600 Campus Road QLCS #406  
  - Honolulu, Hawai‘i 96822-2205  
  - Ph. (808) 956-9410  
  - Fax. (808) 956-9240

**West Hawai‘i**
- **University Center West Hawai‘i**  
  - 81-964 Halekii Street  
  - Kealakekua, Hawai‘i 96750  
  - Ph. (808) 322-4876  
  - Fax. (808) 322-4855

**Hawai‘i**
- **University of Hawai‘i at Hilo**  
  - 200 W. Kāwili Street  
  - Hilo, Hawai‘i 96720-4091  
  - Ph. (808) 974-7681  
  - Fax. (808) 974-7681

**Maui**
- **University of Hawai‘i Maui College**  
  - 310 Kaʻahumanu Avenue  
  - Kahului, Hawai‘i 96732-1617  
  - Ph. (808) 984-3364  
  - Fax. (808) 242-6153

**Molokaʻi**
- **Molokaʻi Education Center**  
  - P.O. Box 488  
  - Kaunakakai, Hawai‘i 96748  
  - Ph. (808) 553-8993  
  - Fax. (808) 553-8108

**Kauaʻi**
- **Kauaʻi Community College**  
  - 3-1901 Kaumualiʻi Highway  
  - Lihuʻe, Hawai‘i 96766-9591  
  - Ph. (808) 245-8387  
  - Fax. (808) 245-5042

**Lānaʻi**
- **Lānaʻi High & Elem. School**  
  - P.O. Box 630757  
  - Lānaʻi City, Hawaiʻi 96763  
  - Ph. (808) 565-9100  
  - Fax. (808) 565-9300

Mahalo to the Native Hawaiian Science & Engineering Mentorship Program-Kai‘āulu STEM Scholars, the US DOE Ke Ola Mau Grant and the Office of Hawaiian Affairs for funding these summer programs.
WHAT IS SUMMER INSTITUTE?
♦ A 2-week residential, educational enrichment program.
♦ Native Hawaiian content is integrated into classes.
♦ Hands-on experiences in academic areas.

WHAT MAKES YOU ELIGIBLE? You must:
♦ be of Hawaiian ancestry.
♦ be currently in respective grade for the class.
♦ have a high interest, potential, or ability towards the class for which you are applying.

HOW MUCH WILL IT COST / TRAVEL?
♦ There is no tuition. FREE!
♦ A T-shirt fee of $15.00 will be assessed upon acceptance and due with participation packet.
♦ A $100.00 refundable dorm and travel deposit will be assessed upon acceptance and due with participation packet.
♦ Interisland transportation will be provided to neighbor island participants.
♦ Lodging and meals for students residing in dorms included. FREE!

LOCATION AND DATE OF PROGRAM
♦ University of Hawai‘i at Hilo & Mānoa
June 14 – 27, 2015

Aloha haumāna,

Please read the class description to see if it really interests you. Take the time to think about your reason(s) for applying. Express your reason(s) and ideas on this form as best and thoroughly as you can. Attach sheets of paper if more space is needed. Please print in your own handwriting using blue or black ink. Complete all of the questions in each part and meet the submission date.

Your application will be reviewed by a committee who will recommend students for participation. Your answers allow us to know you. What you tell us will be taken to heart. You are telling us about what you are interested in and can do well. Every student applying will be doing the same. Students who seem to be most interested in their choice, clear about their reasons for participating, are ready to learn, and sincere about participating will be invited to attend.

Past Summer Institute students have told us that they take anywhere from 2 days up to about 2 weeks to complete their application and secure completed recommendation forms.

Mail or deliver your completed application form by March 24, 2015 to:

Nā Pua Noʻeau - University of Hawai‘i at Hilo
200 W. Kāwili Street,
Hilo, Hawai‘i 96720-4091
Phone: (808) 974-7678  Fax: (808) 974-7681

Nā Pua Noʻeau - University of Hawai‘i at Mānoa
2600 Campus Road QLCSS Room #406
Honolulu, Hawai‘i 96822-2205
Phone: (808) 956-9410  Fax: (808) 956-9240

Web: http://npn.uhh.hawaii.edu
E-Mail: npn@hawaii.edu

Nā Pua Noʻeau is a program of the University of Hawai‘i and is an equal opportunity/affirmative action institution.
In accordance with the Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act, annual campus crime statistics for the University of Hawai‘i may be viewed on campus websites, or a paper copy may be obtained upon request from the respective UH Campus Security or Administrative Services Office.
For disability accommodation and/or request alternate format, contact Toni Mallow at 974-7678 (v), 956-7511(tty) for assistance.
Part I: Student Information

Application Form (To be completed by student in own handwriting, printed in blue or black ink)

Name: __________________________ Date of Birth: __________________________

School: __________________________ Current Grade: __________________________

Address: __________________________ Phone: __________________________

City: __________________________ State: __________________________ Zip: __________________________

Circle your gender: Female Male

Check the block of the class you wish to apply for. (Choose only one class)

☐ Papa Hulihonua (Cultural Geology) Grades 6 – 8 Held at UH–Hilo

Since the June 27 lava flow in Puna has made such an impact in Hawai‘i, don’t you want to learn more about what makes volcanoes in Hawai‘i unique and how they are formed? What are the volcanic hazards and how can we be safe? How can cultural stories help us learn about volcanoes? You will be able to answer these questions through lab, historical data and hikes in the field. You will learn cultural stories through site visits around Hawai‘i Island. (This class involves sunshine, hiking and possible camping!)

☐ Reef Walkers (Marine Science) Grades 6 – 8 Held at UH–Hilo

Learn about the unique underwater habitats of Hawai‘i Island. You will explore what lives under the water just out of sight, while you walk the tide pools, snorkel among the coral reefs, identify new organisms, collect population data and learn the human impact on this fragile environment. Our küpuna were stewards of the ocean. How can YOU be the new stewards who will protect Hawai‘i coastlines? (This class involves sunshine and swimming!)

☐ Wai and Kai (Environmental Science) Grades 9 - 12 Held at UH–Hilo

Moku o Keawe (Hawai‘i Island) has a unique landscape, which includes forests, rivers, estuaries, fishponds, tide pools and the deep sea. You will experience a variety of habitats and better understand how life is influenced with wai (fresh water) and kai (sea water) environments. You will begin to understand the ecological relationships across the landscape, natural resource decision-making, and sustain ability. (This class involves hiking, possible camping and getting dirty!)

☐ Pūlama Nohona - Cherishing Our Landscapes and Lifeways in Hawai‘i Grades 9 - 12 Held at UH–Hilo

How many of us take life in these islands for granted? In this class you will develop an understanding and deeper appreciation of your relationship to your island’s natural and cultural heritage. While exploring the special places of Hawai‘i Island, you will meet kama‘āina who will share mo‘olelo (stories) with you. (This class involves hiking, camping, and getting dirty!)

☐ Mālama Kanaloa - Caring for our Oceans Grades 9 - 12 Held at UH–Mānoa

Learn how to observe and protect our oceans by learning traditional ecological techniques, as well as western science techniques. Perform shoreline transects and learn traditional uses for algae and invertebrates in the intertidal zone. View plankton under the microscope and witness the beginning of life in a coral spawning. Learn how our shorelines are managed traditionally by visiting a loko i‘a, as well as by the agencies involved, such as NOAA and the USFWS.

☐ Papa Mele - The Art of Hawaiian Music Grades 9 - 12 Held at UH–Mānoa

Papa Mele is designed to help you understand and appreciate Hawaiian music. Through participating in singing and instrumental performances, you will develop a small repertoire of Hawaiian songs (traditional and contemporary) and instrumental skills using the ‘ukulele. Basic music theory, aural training, and some techniques on how to sing will also be taught. If you love Hawaiian music, love to perform, and want to learn more on connecting the two, this class is for you.

☐ Consciousness Through Aloha ‘Āina Grades 9 - 12 Held at UH–Mānoa

Consciousness is the state of being aware of one’s surroundings; awareness in mind, self, a relationship with ‘āina, looking at our nohona through various perspectives, and sustaining this ‘ike for the generations that have passed, the ones still present, and the generations to come. We will discover what Aloha ‘Āina was for our küpuna and what it means for us in this day and age, resulting in a conscious mind. aloha ‘āina, connection, kāpuna, generations, mea kanu, lā‘au, community, change, YOU.

☐ Kālai and Living Art Integration Grades 9 - 12 Held at UH–Mānoa

Spending time outdoors while learning about carving wood, stone, bone and other naturally found materials can be an opportunity to touch base with all of those disciplines while still nurturing the artistic nature of all things kālai (carving). Kālai is an accelerated skills-based course that requires an adventurous attitude, a disciplined focus inside and outside of the class room, but most importantly a sense of discovery that will lead you to the forested mountains, the boggiest lo‘i and a greater sense of how hana no’eau is some of the ‘aha that binds the sciences, culture and art in the indigenous world. A background in carving and art, strength training and athleticism is ideal, but not required. Must be comfortable with: swimming in the ocean and in surf, hiking with a loaded backpack, using power tools in a wood shop and lifting at least 50 lbs comfortably and safely.
PART II: STUDENT QUESTIONNAIRE

Yes, I’m serious, I’m solid, and I’m ready because I can do the following:

Please check items below that applies to you and fill in blanks if you selected this item.

❑ I can hike in rough terrain for ____miles with a backpack.  ❑ I can work well in a group.
❑ I can live off of the land.  ❑ I have attended Summer Institute before.
❑ I can camp without modern facilities.  ❑ I am of Hawaiian ancestry.
❑ I have _____ years of hula or oli experience.  ❑ I have _____ years of Hawaiian language.
❑ I want to learn about different places.  ❑ I want to learn what the kumu has to offer.

1. We want to know your interests.  In the boxes below, rank each word or topic in the order of your interest:

Place a number from 0-3 on each line, use 1, 2, or 3 only once in each box. You may use a 0 any time you have no interest in the topic. For example - 'ilio, my dog, would mark the survey like this:

---

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>bones ('ilio likes to chew bones best)</td>
<td>barks ('ilio hardly barks at cats)</td>
<td>cars ('ilio likes to chase cars best)</td>
</tr>
<tr>
<td>play ('ilio also likes to play)</td>
<td>guards ('ilio likes to guard our house)</td>
<td>television ('ilio doesn’t watch TV)</td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>Conservation</th>
<th>Native forests</th>
<th>History</th>
<th>Aquaculture</th>
<th>Oceanography</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reading</td>
<td>Drawing</td>
<td>Stream life</td>
<td>Music</td>
<td>Communication</td>
</tr>
<tr>
<td>Computers</td>
<td>Sea life</td>
<td>Geography</td>
<td>Earthquakes</td>
<td>Biology</td>
</tr>
<tr>
<td>Fishponds</td>
<td>Mathematics</td>
<td>Lyrics</td>
<td>Exploring</td>
<td>Art</td>
</tr>
<tr>
<td>Culture</td>
<td>Volcanoes</td>
<td>Meteorology</td>
<td>Writing</td>
<td>Ocean currents</td>
</tr>
<tr>
<td>Painting</td>
<td>Water rights</td>
<td>Chemistry</td>
<td>Geology</td>
<td>Health</td>
</tr>
</tbody>
</table>

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2. What can you do really well? Circle five things from the items listed below that you can do really well.

Telling stories  Use material wisely  Caring for others  Care for the land/environment
Sharing ideas  Researching things  Loving for the land  Achieving group goals
Keeping rhythm  Listening effectively  Expressing oneself  Observant of the environment
Making decisions  Notice patterns  Remember oneself  Diving or swimming
Land restoration  Emulate sounds  Creating graphics  Maintaining an aquarium
Keeping records  Hiking or camping  Raise (or catch) fish  Raising or growing plants
Designing things  Making Crafts  Sailing or navigating  Respecting the ocean
Helping others  Managing resources  Make people laugh  Knows Medicinal Plants
Paddling canoe  Sensitive of feelings  Playing an instrument  Surfing or boogie boarding

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3. Name other things, if not listed above, that you can do really well.

---

Mail, fax, send or deliver your completed application form to a Nä Pua No’eau Office by March 24, 2015.
4. Describe yourself as if you were writing to a pen pal who wants to know you. Tell your pen pal what you like to do at home and in school. Write about such things as who you are, where you live, the things that interests you, the activities you are involved with in your school, family, or community and what you want to become or accomplish in your lifetime.
5. Tell us about the values (such as and not limited to: mālama (caring) or kuleana (responsibility)) you and your family practice or what you may have learned in a Hawaiian class.  
*Feel free to express yourself through: writing, listing, drawing, art, story telling, pictures, or short video.*  
(This information will be used to help us plan for the residential program.)

6. Imagine that you are receiving an award from your school or ‘ohana, what would it be for? And why?
7. Why do you want to participate in this class? *Tell us as much as you can, that will convince us to choose you.*

8. Tell us about any experiences that you may have had living away from home without your parents or guardian. For example, another program like Kūlia, or a weekend at grandma’s on another island. *(This information will be used to help us plan for the residential program.)*
9. There is no one correct answer. We just want to know how you might feel about this situation in relative
to the class you are applying for. Use more paper if necessary.

It’s a beautiful day, so you and your friends decided to take a ride to the other side of the island. Along the way you start to notice things that have changed since your last visit. Your friends and you share what you remember about the way it was and how these changes affects you and your ‘ohana.

List, draw, discuss, and/or describe some of the things that have changed. Offer your opinions about whether these things are good or bad for us in the future.

Aloha and mahalo for applying to Summer Institute 2015.
This student, _________________________________________________________ has applied for participation in:

Last Name   First Name

Nā Pua No‘eau’s
Summer Institute 2015

This is a 2-week residential, educational enrichment program held on a University of Hawai‘i campus. On some of the days, events may be conducted in a pavilion or camping facility that requires living in a cooperative ‘ohana environment.

A native Hawaiian content is integrated into the class to provide students with Hawaiian role models, culture, values, history, protocol, and language. In addition to the enrichment in academic areas, this class will expose students to a “living classroom” conducive to hands-on experiences in science, cultural activities and personal development.

Please complete the recommendation form and return to the student so that he or she can return their completed application before the March 24, 2015 deadline. Your comments will help the staff of Nā Pua No‘eau to better know and serve the student applicant. Mahalo!

If you do not know this student well enough to complete all sections of this form, please tell this student to seek another individual to complete the recommendation.

NOTE: The student should select one adult from each column below to complete a recommendation.

Please check your relation to applicant.

PROFESSIONALS
- Counselor
- Coach
- Teacher
- Extracurricular Instructor
- Kumu Hula
- Minister
- Mentor
- Other__________________

FAMILY
- Mother
- Father
- Guardian
- Aunt
- Uncle
- Grandmother
- Grandfather
- Other__________________

Mahalo to the Native Hawaiian Science & Engineering Mentorship Program-Kaiāulu STEM Scholars, the US DOE Ke Ola Mau Grant and the Office of Hawaiian Affairs for funding these summer programs.
PART IV: RECOMMENDATION FORM

A. Compared with other children of this student’s age, how does she/he rank in the following areas? Please circle the appropriate number and enter same in the boxes to the left of each item. If you do not have enough information regarding a student in a specific item, write “NI” (Not enough Information) in the box. This area will then be discounted during the student’s assessment.

INTEREST,
ABILITY or POTENTIAL  
Seldom demonstrates  Sometimes demonstrates  Often demonstrates

☐ Aware of own interest(s) and natural abilities  1 2 3 4 5
☐ Given a variety of things to do, the student will select a science activity  1 2 3 4 5
☐ Is curious about Hawai‘i’s environment  1 2 3 4 5
☐ Keen observer, learns by observing and doing  1 2 3 4 5
☐ Creative problem solver; flexible, open to new ideas  1 2 3 4 5
☐ Very aware of physical and social environments  1 2 3 4 5

B. What are other qualities about this student that makes you feel she/he will succeed in this program? (Please describe specific qualities you notice.)

C. Relationship to student: ___________________ How long have you known this student? __________
If a teacher or instructor, please tell us what subject you teach:

Print Name of Person Completing Recommendation Form: _____________________________________________
Address: __________________________________________________________ Phone: ______________________
Signature: __________________________________________ Date: ______________________
This student, _________________________________________________________has applied for participation in:

Last Name   First Name

Nā Pua No‘eau’s
Summer Institute 2015

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Please check your relation to applicant.

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☐ Counselor
☐ Coach
☐ Teacher
☐ Extracurricular Instructor
☐ Kumu Hula
☐ Minister
☐ Mentor
☐ Other________________________

FAMILY
☐ Mother
☐ Father
☐ Guardian
☐ Aunt
☐ Uncle
☐ Grandmother
☐ Grandfather
☐ Other________________________

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<table>
<thead>
<tr>
<th>INTEREST, ABILITY or POTENTIAL</th>
<th>Seldom demonstrates</th>
<th>Occasionally demonstrates</th>
<th>Often demonstrates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aware of own interest(s) and natural abilities</td>
<td>1 2 3 4 5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Given a variety of things to do, the student will select a science activity</td>
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<td></td>
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B. What are other qualities about this student that makes you feel she/he will succeed in this program? (Please describe specific qualities you notice.)

C. Relationship to student: __________________________ How long have you known this student? __________

If a teacher or instructor, please tell us what subject you teach:

Print Name of Person Completing Recommendation Form: _______________________________________________________________

Address: _____________________________________________ Phone: __________________________

Signature: ___________________________________________ Date: __________________________