Imagine the Possibilities

Alaska Business Week is again partnering with the very successful Washington Business Week program and the UAF School of Management to bring you this program. Alaska Business Week is designed especially for high school students finishing grades 9-12.

Work with dedicated senior business executives and other students to develop a winning business strategy, defend your business plan, earn college credits, meet top business leaders – and, oh yes – have FUN!

Application deadline: May 15, 2013*

Program starts on Saturday, June 1 through Saturday June 8

$475 tuition includes room, board, fees and materials

To enroll, go to: www.uafleadership.com
Or call 907-474-5942

Needs-based scholarships available

Transportation may also be available

* Or until positions are filled

High school students can earn two college credits

Whether you are home-schooled or attend public or private high school, this program will give you a great start to your future. Develop your leadership skills and achieve your goals and dreams.
You ARE the future!

Meet with top Alaska CEOs and leaders and gain insight into successful business strategies as you formulate your own tactics with your team.

Learn what it takes to be a leader.

Work closely with senior business executives dedicated to helping you achieve a successful business strategy.

“I came to this program not knowing what to expect and I left an entrepreneur. This experience has changed me in ways I will never forget.”

Kevin S., Thunder Mt. High School and ABW 2011 grad

They are waiting to hire you!

This program is made possible by many generous businesses and organizations that understand you will be running the show in the near future. They are waiting for you, so don’t delay in enrolling in this program to get you started!

Enroll today and change your life!

To enroll, go to:
www.uafleadership.com
Or call 907-474-5942
## 2013 Upward Bound Summer Options

<table>
<thead>
<tr>
<th>Target Grade</th>
<th>Freshmen &amp; Sophomores</th>
<th>Juniors</th>
<th>Seniors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Program Title</td>
<td>UB Classic Six-Week Program</td>
<td>UB College Prep-Academy</td>
<td>Pathway-2-College</td>
</tr>
<tr>
<td>Program Dates</td>
<td>June 10th thru July 20th</td>
<td>June 15th thru July 29th</td>
<td>May 28th thru July 5th</td>
</tr>
<tr>
<td>Program Focus</td>
<td>During the traditional Alaska Upward Bound six-week summer program the participants are introduced to life on a college campus. The week days are filled with interesting learning activities and the weekends are packed full of active energizing fun events. Typically the mornings focus on language arts and mathematics and the afternoons are filled with active hands-on activities that inform and stimulate interest in career opportunities that require a 2 or 4 year postsecondary degrees.</td>
<td>The Upward Bound College Preparation Academy is for Juniors who are entering their Senior year. This specialized camp is for inquisitive and mature students who are focused on entering college and are interested in learning more about a particular career field. This six week program is divided into three 2-week academic focuses that will increase a participants success when they go to college. <strong>Expressing Yourself.</strong> During the first two weeks students learn new techniques and approaches that improving their writing abilities. <strong>Making it Count.</strong> The second two weeks focus on mathematics instruction that strengthens skills and increases confidence on performing well on college entrance examinations. <strong>Alaska Science Research Academy.</strong> In the final two weeks student attend the UAF Alaska Science Research Academy. Students join 140 other students from Alaska and the lower 48 to experience first-hand top career fields in scientific exploration and research.</td>
<td><strong>Pathway2College (P2C)</strong> students are active college students who are enrolled in the first six-week UAF summer session. Students earn 5 to 7 credits of 100 - 200 level college credit and get an early start on beginning college in a positive, supportive environment. P2C students progressively transition to being fully independent successful decision makers who excel as first year college freshman. Participation in the program is a safe and nurturing environment for students to strengthen their time management strategies, develop college level study habits; develop healthy sleep and dietary practices, become familiar with the college classroom, and comfortable working with college advisors and professors.</td>
</tr>
</tbody>
</table>

| Application Due Date | March 15, 2013 (applications are accepted until spaces are filled with qualified participants) | February 27, 2013 (must complete the ASRA applications to be considered for participation in the program) | March 15, 2013 (applications are accepted until spaces are filled with qualified participants) |
| Number of Students | 30 student spaces available | 10 student spaces available | 10 student spaces available |
| Eligibility Requirements | • Enrolled in UB College Bound program • Good school attendance • Positive recommendation from UB site coordinator • Complete student essays | • Enrolled in UB College Bound program • Good school attendance • Positive recommendation from UB site coordinator • Complete ASRA application (uaf.edu/asra) • Strong interest in attending college | • Enrolled in UB College Bound program • Good school attendance • Positive recommendation from UB site coordinator • Submitted at least one college application • Submitted complete P2C application • Completed FAFSA application • Plans to attend post-secondary education in either the fall or spring semester following high school graduation |
Alaska Summer Research Academy

Director: Laura Conner
Program Manager: Tiffany DeRuyter
Administrative Assistant: Lori Gildehaus
Goals

• To develop STEM-related knowledge
• To raise awareness of the nature of science and scientific processes
• To encourage students to consider STEM-related careers
• To highlight UAF research themes
Structure

Students enroll in a “module” with ~ 9 students and 2 instructors

- Archeology
- Biomedicine
- Civil Engineering
- Fiber and Electronics
- Forensics
- Plug In! (ACEP)
- Robots, networks, and Arduinos
- Smart Circuits
- Sounds of Science
- Vetmedicine
- Undersea Aliens

- Aquatic Ecology
- Dirt Made My Lunch
- The Joy of Chemical Reactions
- Math in Nature
- Robotics
- ROV
Outcomes

• Increased interest in enrolling in UAF (64% in 2010 said they were more likely to attend)
• Strong community partnerships (e.g. Biomedicine, Vetmedicine)
• Venue to learn new teaching practices
• Students engage with peers in hands-on, problem-solving STEM tasks
• Students are exposed to college environment
Robotics
Marine Biology
THANKS TO OUR 2012 SPONSORS!!!
PAYMENT
The cost to attend the Visual Art Academy full-
day is $500.00 plus a $75.00 materials fee. Half-
day tuition is $300 plus a $40.00 materials fee. A non-refundable $75.00 tuition deposit is required with your registration form.

The remaining tuition and materials balance is due in full by May 25, 2013.

If tuition and fees are not paid in full by May 25, the registration deposit will be absorbed and the student’s enrollment in the Academy will be voided.

Visual Art Academy
June 3-14, 2013

PLEASE CALL 474-7530 TO PAY WITH CREDIT CARD.

Mail registration and check payments to:

UAF Summer Visual Art Academy
Art Department
P.O. Box 5640
University of Alaska Fairbanks
Fairbanks, AK 99775–5640
From June 3-14, 2013 the UAF Art Department will host an intensive visual arts program for students from grades 6–12. Our faculty of professional Alaskan visual artists will be teaching classes in: Animation, Cartooning, Ceramics, Computer Art, Costume/Fashion Design, Photography, Drawing and Design, Metalsmithing, Painting, Printmaking and Sculpture & 3D Design.

Students participate as full-time or part-time students. Full-time students take 4 classes per day. Half-time students take 2 classes per day. Each class meets for 95 minutes. Classes meet Monday-Friday from 8:30AM until 4:30PM for 2 weeks. Students have an independent lunch break each day from 12 noon to 1:00PM.

VAA is supported in part by a grant from Patrick Mechanical, UAF’s College of Liberal Arts and the UAF Art Department.

Check out our website and download forms

www.uaf.edu/art/artacademy

For more information contact UAF Art Department at (907) 474–7530 or email us at fyart@uaf.edu
University of Alaska Fairbanks
Visual Art Academy since 2005

In the first half of June for past eight summers the UAF Art Department has hosted an intensive and quality visual arts program for students in grades 6–12 taught by professional Alaska artists.
This summer is our ninth annual Visual Art Academy.

Since its inception we have averaged over 60 students in each academy taking classes in Animation, Ceramics, Cartooning, Computer Art, Costume & Fashion Design, Drawing, Metalsmithing, Painting, Printmaking, Photography and Sculpture & 3D Design.
Visual Art Academy
Art Show 2012
opening: Thursday, June 14
at 4:30
UAF Art Gallery

This message is approved and sponsored
by THIS lama on THIS sail boat

by Eli Simmons
VISUAL ART ACADEMY
ART SHOW 2012

OPENING THURSDAY, JUNE 14
4:30 PM
AT THE UAF ART GALLERY

Reference 38
UAF Visual Art Academy is a blast!
RAHI is a competitive program, with applications from all over the state. A RAHI selection committee reviews all completed applications, and from their recommendations students are selected.

Let RAHI change your life and help you succeed in college. Apply today. See our website www.uaf.edu/rahi/ to apply online or see a school counselor. Please call or email us for further information: 1-800-478-6886, rahi@alaska.edu

What do these people have in common? They all attended RAHI!

*Kyan Olanna, Shishmaref, B.A. UAF ‘98  
  J.D. Yale Law School ’02
*Kae Pitka, Russian Mission, B.E.D. UAF ‘93  
  M.A. Applied Linguistics UAF ‘10
*Kendri Cesar, Juneau, B.A. Environmental Studies,  
  Dartmouth ’08. JD, Harvard ’12
*Deborah Mekiana, Anaktuvuk Pass, B.A. UAF ‘97  
  M.A. Psychology UAF ‘05
*Sperry Ash, Nanwalek, B.Ed. UAF ‘02  
  M.Ed. Education, Language UAF ‘05
*Dr. Alberta Laktonen, Kodiak, B.S. Harvard ‘97  
  M.D. UW Medical School ’02
*Kathryn Milligan-Mylne, Kotzebue, B.S.  
  U. of Wisconsin ’99, PhD. Microbiology U. of Wisconsin ’09
*Adrienne Tveit, Kodiak, B.A. UAF ‘01  
  Dr. of Pharmacy Washington State University ’07
*January Scott, Kake, B.S. Reed College ’02  
  M.A. Education UAS ’06
*Randall Yates, Ketchikan, B.A. Finance & Int’l Business  
  Oregon St. ’04, JD, Berkeley Law School ’10
*Pamela Lestenko, St. Paul Island, B.S. UAF ’02  
  M.S. Zoology U. of British Columbia ’08
*Angela Totemoff, Tatitlek, B.S. UAF ’07 M.B.A.  
  Info. Technology Alaska Pacific University ’09
*Terry Don, Mekoryuk, B.A. UAA ‘96  
  M.B.A. Business Admin. UAF ’04
*Nathan Ayotte, Valdez, B.S. Petroleum Engineering  
  UAF ’07
*Majore Wayne Don, Mekoryuk, B.A. UAF ‘94  
  M.B.A. UAF ‘04

“RAHI provided a wonderful stepping stone to aid me in my university days. Thank you for making a difference in so many young minds.” Melissa A.

RAHI 2013 Program dates:  
May 28 – July 12, 2013
Deadline to apply:  
Received in RAHI office by  
March 1, 2013

RAHI is funded through the College of Rural & Community Development, the University of Alaska Fairbanks, and various grants and donations

The University of Alaska is accredited by the Commission on College of the Northwest Association of Schools and Colleges. UAF is an AA/EO employer and educational institution.

Photos by RAHI Staff and Todd Paris
The Rural Alaska Honors Institute, RAHI, is a program of academic enrichment and preparation for traditional undergraduate life at a university campus. Students selected for the six-week academic adventure work at the very limits of their capabilities to:

- Develop strong work ethic
- Build self confidence
- Acclimate to dorm/undergraduate life
- Earn 8-10 college credits!

Academic concentration is on writing and Study Skills, with electives in:

- Math
- Chemistry
- Business
- Education
- Process Technology
- Computer Applications
- Recreation (Yoga, Karate, Native Dance)
  (Subject to Change)

RAHI Mission Statement
The UAF Rural Alaska Honors Institute, known as RAHI, founded at the request of the Alaska Federation of Natives in 1982, was established to prepare rural and Alaska Native high school students for academic excellence and college success.

Apply online:
www.uaf.edu/rahi

RAHI prepares students for college success. RAHI is a memorable experience that changes lives.

Application deadline:
March 1, 2013
RAHI 2013 Program dates:
May 28 – July 12, 2013

* Program costs are covered 100% for those accepted, a value of over $7,000.
* Six-week summer residency on the UAF campus.
* Take college courses, up to 10 university credits awarded.
* Build or strengthen academic and social skills for future college success.
* Make new lifelong friends from all over Alaska.
* Apply if you’re a rural or Alaska Native high school junior or senior with a 3.0 cumulative grade point average.
Campus Life

Residential Students live in a UAF residence hall with a RAHI 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. Weeknight study hours are required and tutors are on hand to help with all courses.

Recreation Recreational offerings on weekends are available, with a fun, stress relieving midterm break weekend outing. Student Recreation Center, Wood Student Center, and Patty Pool are among campus recreational facilities available for use.

Graduation A cap and gown ceremony graduation ends the program on July 11 followed by an evening banquet. UAF tuition waivers are awarded to the top two academic students in RAHI. RAHI Research students are eligible for a number of scholarship and academic recognition awards.

Is RAHI Research for you?
Are you curious? Not afraid of hard work? Willing to really stretch your mind? Ready for a challenge? RAHI Research is all of that and more. You’ll learn to be a competent and confident part of a lab team, taking part in the real day-to-day world of a university biological research lab. Methods you learn are also used in forensics, new drug discovery, biotechnology, and medical research. Come on – jump into RAHI Research!

For more information, contact

Denise Wartes, RAHI director, or
Tim Murphrey, RAHI assistant manager
Toll-free 1-800-478-6886
rahi@alaska.edu
www.uaf.edu/rahi
P.O. Box 756305, Fairbanks, AK 99775-6305

Paige Gingrich, RAHI Research and Alaska BioPREP Coordinator, or
Sue Hills, Alaska BioPREP Director
Voice 907-474-5106
Fax 907-474-5326 • bioprep@alaska.edu

“...I really enjoyed the opportunities that I wouldn’t normally have had, from working in a lab on real research to presenting a poster of my findings...”
—Marlena Acord (Class of 2010)
**Blaze Your Own Trail on the Frontier of Biology**

Most of the amazing advances of the 20th century were the result of scientific breakthroughs in physics; in the 21st century, discoveries in biology, especially genetics, will revolutionize our lives. From personalized medicine to understanding cancer and infectious diseases, modern molecular biology is the foundation. This course gives you the confidence and skills for undergraduate molecular biology research as you begin college rather than waiting until you are a junior or senior, making the material more interesting and relevant.

You will start with lab methods such as pipetting and work up to DNA extraction, electrophoresis, polymerase chain reactions, and cloning — backed up with the fundamental concepts of biochemistry and genetics necessary to understand the research. It is accelerated, concentrated, and fascinating.

Your new knowledge and skills will be put to use as you work alongside University researchers in one of the many biological labs at UAF. You will become part of the lab team — conducting research, discussing results, taking part in the discoveries as they happen — all under the mentorship of an experienced graduate student mentor.

---

**Curriculum**

UAF courses are offered for full university credit (7 to 11 credits). Completion of the RAHI Research courses will give the student the skills for undergraduate research or work in a molecular biology research lab. The integrated, intensive RAHI Research program includes scientific writing, lab math, molecular biology theory and practice, and ethical discussions of the responsible conduct of research. Credits earned may help satisfy some requirements for high school graduation, depending upon your school district policy. Course work loads are substantial. With small classes and individual research mentors, RAHI Research has a safety net to give individual help and encouragement for all students.

**To Apply**

To apply, submit a RAHI Research application, available at www.uaf.edu/rahi or from your science teacher or school counselor. You will be notified by mid-April of the decision. Not everyone is accepted. To be successful you should:

- Be committed to earning a college degree
- Have a cumulative GPA of at least 3.0
- Finish your junior or senior year in 2012
- Be 18 or younger on August 1, 2012
- Read at or above grade level
- Have taken a previous RAHI chemistry class, high school biology, chemistry, or genetics class
- Be curious and ready to stretch your mind!

---

**Student Safety**

Responsibility to self and to each other, plus university and state law all combine to shape RAHI 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. Students are expected to attend classes, be prepared and on time, and participate in program social events. Students respect each other, instructors, and residence staff, as well as property. RAHI Research students work in labs with research-grade equipment and materials and will complete a lab safety training course.

**Permission to Leave Campus:** Students 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 academic schedules. Students may not be checked out overnight or weekends.

**Schedule and Costs**

Travel to Fairbanks is May 28; orientation is May 29. The fast-paced RAHI Research program will begin after orientation on May 30. Students may not start RAHI Research late or leave early. No late starts! No early departures! If you quit and leave before completion you will not graduate or earn college credits.

**Costs** All program costs ($11,000 per student for RAHI Research) including travel, books, supplies, room, tuition, board, and weekly stipend are provided through the program and are free to students accepted into the program.

---

**History of Rural Alaska Honors Institute**

RAHI was founded at the request of the Alaska Federation of Natives in 1982 to prepare rural and Alaska Native high school students for academic excellence and college success. RAHI II Next Step, now known as RAHI Research, was added in 2007 to give high school students in-depth knowledge of molecular biology and experience working in research labs to understand research and modern biology and to encourage students to major and graduate in the sciences.

---

“I now understand how valuable actual experience was in conjunction with taking classes, as it makes the material more tangible and therefore easier to learn.”

—Ben Renshaw (Class of 2009)
The UAF Rural Alaska Honors Institute, known as RAHI, was established to prepare rural Alaska Native high school students for academic excellence and college success, and was founded at the request of the Alaska Federation of Natives in 1982.