

UAF K-12 Partnerships

CEM

Engineering Career Academy

A four-year HS cohort program to prepare HS students for academic and professional careers in engineering. The program will focus on math and science courses that will prepare students to enter engineering programs upon graduation. This project is a statewide partnership and effort (Lathrop and Dimond HS) with Siemens Corporation. Siemens has provided funding to jump start the programs. CEM will provide instructors and lab and on campus experiences for the students. CEM Dean serves on the advisory board for that group and has been meeting regularly (even outside board meetings) with Lathrop HS principal and teacher Karen Gaborik and Larry Ehnert regarding the details of the program. We have asked for FY10 funding to fully participate, but so far our role has been primarily advisory other than we have offered them access to some of our facilities. There are other staff and faculty that have attended the advisory board meetings.

Lego Robotics.

Tom Johnson's (energy center staff person) team went to the international competition in Norway last year. Tom provides assistance to middle school and HS students in designing, building and operating robotic machines built out of Legos. Highly effective and many students involved, but let me know if you want more details regarding that.

CLA

Interior Native Educators CLA- Cross-cultural Studies

Alaska Native Learning Styles (professional development for K-12 teachers and curriculum development for K-12 use).

National Park Service CLA-Cross-cultural studies

Exploring Place-based education @ Takahula Lake Symposium using experiential methods.

WGBH-TV (Boston PBS) CLA-Cross-cultural Studies

Teachers Domain Alaska (K-12 curriculum development for Teachers' Domain PBS websites on Alaska, and Alaska Native cultures).

FNSB School District CLA-Theatre/Film Studies

Project ART-iculate: Arts in Education (K-12) Involves filming & interviewing teachers, students, classrooms, and creation of artistic/aesthetic DVD for the FNSB.

TRIAD Foundation, The Urban League of Colorado and CLA-Northern Studies

Boys Project: Developing and piloting a group mentoring model for Black Adolescents (K-12).

Fairbanks North Star borough CLA- Office of Public History and CLA-NORS/History

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Teaching American History project (K-12 via the teachers of history).

CLA History Dept. Northern Studies, Office of Public History & local school district
History Day at UAF* *regularly draws 300 or more participants.*

School districts statewide And CLA-Music Department
Jazz camp * *this is Music dept's most successful recruiting event.*

Fairbanks Summer Arts Festival and CLA-Music Department
Drums of Knowledge (residency and tour that included K-12 school visits).

USA Artists (Tanya Aguiniga) CLA-Art Department
Visiting artist residency included K-12 school visits in local district.

Fairbanks Native Association CLA-Psychology Department
Che'ghutsen systems of care.

CNSM

Alaska Summer Research Academy
A Two-week camp offering opportunities to discover science from robotics to medicine.

Alaska Statewide High School Science Symposium
HS program that offers HS students opportunity to research a topic with UAF faculty support and present their research to research faculty. National competition each year and UAF consistently performs well.

TASK (Teaching Alaskans... Sharing Knowledge)
G/K-12 program sponsored by NSF that puts professors in the classroom.

Science Potpourri.
Day event at Reichardt Building where kids can experience physical and biological sciences in a fun and hands on way. 100-200 kids each year.

CRCD

Rural Student Services provides counseling, transition support and information to over 59 school districts and service agencies throughout the state.

Community campuses provide tutoring, transition support, information and GED opportunities to the communities supported by the campuses.

INTERIOR-ALEUTIANS CAMPUS

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The IAC service area includes 63 villages, eleven school districts, several state government service areas, three regional Native corporations and a culturally and linguistically diverse Alaska Native population.

EARLY COLLEGE

The purpose of the Early College High School Initiative is to promote a “bold approach, based on the principle that academic rigor, combined with the opportunity to save time and money, is a powerful motivator for students to work hard and meet serious intellectual challenges. Early college high schools blend high school and college in a rigorous yet supportive program, compressing the time it takes to complete a high school diploma and the first two years of college.” (www.earlycolleges.org)

The Early College Program has been piloted for two years at the Effie Kokrine Charter School (EKCS) with multiple partners. The majority of classes were culturally infused and courses were offered at TVC, IAC and some students took courses at on the main UAF campus. The MOU provided classes and curriculum, faculty, student and general policy guidelines. The EKCS students are doing well and enrollment is up at the charter school. The current funding comes from the Bill & Malinda Gates Foundation. This foundation is funding Early Colleges across the country with start up funds. The EKCS received start up funds through the Antioch University which focuses on Alaska Native /American Indian students.

For FY 10 IAC has a proposal that tuition be reduced for Early College similar to Tech Prep at \$25 per credit. The initiative targets students who are under-represented in higher education-students who have not had access to the academic preparation needed to meet college readiness standards, students for whom the cost of college is prohibitive, students of color, and English language learners. Most early college high schools are collaborations with two-year colleges. It is IAC’s goal is to integrate the Early College concept with one more school with in our region in the coming year. It is also proposed that a full-time Early College Student Services position be funded at IAC at \$95,695.00

TECH PREP

The purpose of the IAC Tech Prep Program recently funded by Title III is to offer secondary-school students in a technical field of study an opportunity to receive lower-division college credit toward a UAF certificate or undergraduate degree. Early College and technical preparation are important new innovations for high school students wishing to earn college credit. In rural Alaska, unfortunately, small schools cannot justify support of a large faculty all of whom are “highly Qualified” for all the subjects they are required to teach. IAC in partnership agreement with Yukon Koyukuk School District will align IAC Programs and high school curriculum standards and will begin offering courses to as many of the rural districts in the coming year.

UPWARD BOUND

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The title of our Upward Bound program is, Ten Hunee Daal'oye (Trail Markers). Athabascan elder Neil Charlie tells us that Alaska Native students attending IAC are like trail markers, leading the way to success for other students. Because Alaska Native families and communities are so close knit, successful students that emerge from educational programs are mentors, role models and teachers of the students who come after them- marking the trail that leads to greater academic achievement.

IAC's UB project places UB personnel in two schools to facilitate the coordination of tutoring, advising, provide college motivational experiences, extra curricular activities and related activities to motivate students to attend college and to coordinate our six week summer program.

IAC's UB program goal is that all project students will leave high school with college credit and with a college transcript to speed them on their way toward completion of a four-year degree.

2008 ELDER'S ACADEMY

With the participation of several community groups and funding from First Alaska Foundation and the Upward Bound Program, IAC conducted a three-week long Elders Academy at the Gaaleeya Spirit Camp (Howard Luke Camp) near Fairbanks, Alaska. The Academy combined Elder mentorship, cultural activities, academics, outdoor life, gardening, and leadership development to help Alaska Native and other students in grades 8-12 succeed during the regular academic year. This Academy was the culmination of efforts made over the past decade to insert culturally relevant material into the western model of learning for Alaska Native K-12 students in order to preserve the wisdom of the Elders and honor them as the caretakers of the Athabascan way of life.

REACH TO TEACH

Alaska Native Equity funding for the past three years has supported IAC Alaska Native students who want to become certified K-12 teachers by overcoming Math and English challenges. Over 90 students have participated in the program, our first graduate Annette Penn received her degree in 2008 and many more are in the pipeline. Spring 2008, the Reach to Teach Program funded 44 classes for 42 students. There were 29 after-the-fact scholarships funded for achievement of 19 "A"s and 10 "B"s (66% of the group) with an overall 80% Math pass rate for 2008.

MATH FIX

Math Fix is a one page Math resource sheet that goes out monthly to rural K-12 schools and sponsored by IAC and CRCDC. We print and distribute 4500 worksheets monthly. The project was originally funded by a NSF grant but has continued beyond the grant. IAC and CRCDC faculty work jointly on the project producing the resource sheet full of fun Math activities, information and games with prizes. The Idea is to help rural schools have fun with Math and to win the prizes people have to respond back. The good

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response rates keep us motivated as we know that the teachers, students and family members are using the material .

SNRAS and University of Alaska Geography Program (UAGP)

- National Geographic Society – Scope: Alaska-wide
 - UAGP - Alaska Geographic Alliance (NGS’ education and outreach office for the state of Alaska)
 - NGS “Giant Traveling Maps” and associated school curriculum
 - May 2008 map of Asia 17 schools (Fairbanks, Anchorage, Juneau, Sitka, Ketchikan, Craig, Thorne Bay)
 - 1300 students
 - 3200 student-map experiences (multiple student/teacher sessions)
 - 2009 – scheduled map programs
 - Africa
 - Asia
 - North America
 - Joint curriculum training and implementation
 - “NGS My Wonderful World” geography literacy campaign – November 08
 - UAGP/NGS Alaska State Geographic Bee – Anchorage, each spring
 - UAGP and Anchorage School District joint program
 - Coordination and dissemination of NGS K-12 curriculum materials – distributed to 500+ schools throughout the state – August 2009
 - Teacher workshops/in-services
 - Statewide professional development conference (Anchorage)
 - UAGP website to serve as K-12 program outreach to teachers (to be integrated into NGS Alliance web site, fall 2008)
- Partnership with Alaska Geographic Association (formerly Alaska Natural History Association) - Scope: South Central and Alaska-wide
 - The Children’s Forest Initiative – Chugach Forest.
 - Content development
 - Teacher in-service
 - Climate change expertise (via SNAP and UAGP faculty)
 - Glacier Girls Program (UAGP Assistant Professor Patricia Heiser)
 - Mentoring high school students in geography and science – fall 2008 – South Central
- Stories of Culture and Place – Scope: Alaska-wide
 - Digital storytelling in geography and physical science, combining technology, Native knowledge and literacy
- Math in a Cultural Context – Scope: Alaska-wide
 - Teaching mathematical and spatial concepts with traditional Native knowledge
- MapTEACH - (Mapping technology experiences with Alaska’s cultural heritage) – Scope: Alaska-wide

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- Content and curriculum development
- Professional development course for teachers
- In-services
- All content and curriculum will be available to teachers on the web, school year 2008
- UAGP/Google Earth Collaboration – Scope: Alaska-wide, rural communities
 - Joint development and implementation of Alaska geographic content and teacher toolkit
 - Allocation of 5+ Google earth staff toward this effort
 - Joint Google/UAGP Alaska school tour – classroom instruction/activities, teacher training and support: Phase 1 program to
 - Barrow
 - Kotzebue
 - Nome
- UAGP GeoPortal – Scope: Alaska-wide, nacional, internacional
 - Joint AT&T/UAGP K-12 initiative
 - One-stop web portal for geographic content and resources for teachers, students and general public
 - Effort led by three award-winning teachers with extensive geography and technology expertise
 - Michael Warren, Anchorage – teacher and UAGP Affiliate Professor
 - Clay Good, Juneau – teacher (retired)
 - Carl Addington, Fairbanks –teacher and UAGP Affiliate Professor
- UAGP/ESRI Teacher in-services – Scope: South Central, Fairbanks
 - GIS teacher in-service training sessions
 - Anchorage School District
 - Fairbanks North Star Borough School District
 - Kenai Peninsula School District
 - Helps teachers to utilize GIS technology in the classroom
- Alaska in Maps – Scope: Alaska-wide
 - Revised edition of the CD-ROM, *Alaska in Maps: A Thematic Atlas*
 - 3000 copies of revised atlas to be distributed to educators statewide in 2008-2009 school year
- NRM Focused - Global Learning and Observations to Benefit the Environment (GLOBE) – Scope: Alaska-wide, national, international
 - School- and community-based environmental data gathering and reporting
- NRM Focused - Future Farmers of America (FFA) – Scope: Alaska-wide
 - Leadership development through resource stewardship
- NRM Focused - Reindeer Research Program (RRP) – Scope: Seward Peninsula
 - Community-driven reindeer stewardship curriculum
 - Program available to Seward Peninsula communities

SOE

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Teacher Mentor program. UAF works closely with this highly successful statewide program providing K-12 teachers mentors who assist in the new teacher's growth and transition into Alaska schools.

FNSBSD:

- joint sponsorship of Alaska State Writing Consortium

Longstanding, major, informal partnerships with FNSBSD:

- practicum placements (approx. 100 per year)
- intern placements (approx. 55 per year)
- joint professional development activities (e.g. recent IT mini-conference)

Longstanding, major, informal partnership with other public school districts, particularly those in the CRCSD service areas (NWA, LKSD, LYSD, Yukon Flats, Y-K, Iditarod, Bering Strait, Lake and Penn, Bristol Bay, Dillingham City, Nome City, Yupiit, Southwest Region...)

- regularly place average of 10 interns in districts outside Fairbanks
- regularly place average of 15 Fairbanks interns in rural districts for spring, rural practicum

4-6 interns per year in Mat-Su.

SOM

Finance Camp: *Middle School:* May 29–June 1

Finance Camp: *High School:* June 4–8

Summer Finance Camps provide middle school and high school students an opportunity to learn basic financial management and investing. Students explore concepts of money management, credit management, purchase decision making, how to invest for the future, and the impact of improper financial decisions. Topic presentation are tailored to each age group.

Shelton Leadership Institute, May 27-June 1

The Shelton Leadership Institute is a one-week residential summer experience designed to develop leadership skills for students finishing grades 9-12. The curriculum focuses on leadership roles and accountability, team building, leadership styles and situations, motivating others, citizen responsibility, integrity as a leader, public speaking, changing behaviors, and goal setting. This is a partnership with NC State Shelton Leadership Institute or go online at www.uaf.edu/nlc/shelton/index.xml.

TVC

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In recent years TVC has offered the following in partnerships with these districts.

FAIRBANKS NORTH STAR BOROUGH SCHOOL DISTRICT

TVC-FNSBSD Tech-Prep (current-active)
TVC-Hutchison High School partnership (current-active)
UAF/TVC courses offered within Hutchison HS (eg ENG111/MATH107/CNA)
Interior Alaska Career Academy (3 TVC career exploration Sessions/yearly)
Fairbanks Youth Facility (1 TVC career exploration session/yearly)
TVC offers TVC Workforce Scholarship each year to each FNSBSD high school
TVC-FNSBSD Career Tech Expo (held annually in February at Hutchison)
TVC Director Caulfield serves on FNSBSD Career Technical Education Adv Cmte
TVC Director Caulfield serves on Chamber Education Committee w/K-12 focus
TVC offers FNSBSD students "brush-up" class in math for completion of HS exit exam
TVC partnership with Effie Kokrine Charter School Early College program

DELTA-GREELY SCHOOL DISTRICT

TVC involvement in Partners for Progress in Delta Inc, 501c3 non-profit using TVEP funding for workforce development TVC-DGSD Tech-Prep (current-active)

OTHER

Project RAVE: Rural Alaska Vocational Exploration (rural HS student summer program at Hutchison Institute of Technology)

Iditarod School District: May career exploration in Diesel/Heavy Equipment program

Tech-Prep agreements with other high schools for courses housed at TVC

Museum

Explore Alaska

Museum Education offers a variety of community programs for all ages to explore Alaska's natural and cultural history. Year round offerings include lectures, demonstrations, and family programs.

School Tours.

Weekly visits to the Museum of the North by K-6 grade school kids. Programs presented at the museum and in the schools throughout the year.

Open Education Center

Summer programs that offer instruction, observation and involvement in native programs and museum exhibits.

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Geophysical Institute.

UAF Science Education Outreach Network

Find math and science programs for all ages. The Science Education Outreach Network provides information about the extensive variety of science and math education outreach programs, activities and resources available at UAF. The network highlights science outreach activities and resources not included in UAF course listings.

<http://www.uaf.edu/outreach/clearinghouse/>

Science for Alaska Lecture Series

A series of public lectures presented in Fairbanks, Anchorage and Juneau on scientific research and its impact on Alaska. It is open to the public and K-12 students are encouraged to attend. A 1-credit continuing education course for teachers will be offered in conjunction with the lecture series. Teachers offer extra credit to their students to attend with them. Highly successful and partially funded by Alyeska Pipeline Services Company gift. <http://www.scienceforalaska.com>

UAF Summer Youth Programs

1) Jump Start, May 21 – August 17

Advertised by contact with FNSBSD counselors & via summer sessions web, print, etc.

Jump Start provides an opportunity for high school students admitted to UAF for the fall semester to acclimate to college life in a supportive environment during the summer. This program is offered during Summer Sessions 2007 and will serve 20 students who are accepted to UAF for the 2007 fall semester. To apply, complete the Jump Start application form and University of Alaska Applicant Form. You may submit your own resume or use the University of Alaska Resume Form. You will need to prepare a one-page statement explaining why you are applying and what you hope to contribute. Two letters of reference are required, one of which must be from your current high school counselor. The complete set of application materials must be submitted to the UAF Summer Sessions Office by April 20, 2007.

Components

1. Enrollment in a three-credit course of your choice.
2. Enrollment in a three-credit Team Building course (DEVS F101-F01) spanning 10 weeks. This course will include topics such as campus orientation, study skills, time management, group dynamics and leadership skills. This course is covered by a 3 credit tuition waiver through the Summer Sessions office.
3. Part-time on-campus employment (20 hours per week). This work opportunity will help with campus familiarity and provide you with some income to offset the cost of tuition, books and fees for your summer credits.

2) Fairbanks Piano Festival, May 21–23

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Students in grades 1 through college compete in different musical divisions. Gold medal winners perform in an honors concert at Davis Hall. Contact person is Cheryl Knorr @ 488-6506, cknorr@alaska.net

3) Finance Camp, Middle School: May 29–June 1, High School: June 4–8

Summer Finance Camp provides middle school and high school students an opportunity to learn basic financial management and investing. Students explore concepts of money management, credit management, purchase decision making, how to invest for the future, and the impact of improper financial decisions. Topic presentation will be tailored to each age group.

4) Fairbanks Suzuki Institute, May 29–June 3

The Fairbanks Suzuki Institute is an intensive five-day session for flute, violin, viola, and cello musicians who use the Suzuki method. Students ages 3–18 may participate in chamber music, steel drums, Dalcroze classes, Suzuki repertoire classes, technique, and master classes. Flute and violin teacher training will also be offered. The institute includes daily recitals and a final concert open to the public. Twenty guest clinicians will be in residence to conduct the Suzuki classes.

5) Upward Bound Program: June 6–July 18

Upward Bound provides fundamental support to program participants in their preparation for college entrance. Upward Bound provides opportunities for participants to succeed in their pre-college performance and ultimately in their higher education pursuits. Upward Bound serves high school students from low-income families in which neither parent holds a bachelor's degree. Many academic, educational, recreational, and cultural activities are offered including: instruction in academic courses usually not offered in students' high schools; academic advisement and counseling; tutorial services; careers information; assistance in seeking financial aid; and field trips to colleges and universities to help stimulate students' interest in postsecondary education. The Upward Bound Program now offers a college-bridging program called "Pathway-2-College". Upward Bound selects, from a list of applicants submitted by recent UB target high school graduates and academically strong rising seniors, students to enroll in Session I of the UAF Summer Sessions. They can earn up to 7 college credits from the University of Alaska Fairbanks.

6) Summer Music Academy, June 9–23

The UAF Summer Music Academy is an intensive two-week session for students who have completed grades 6–12. Participants will have opportunities to attend master classes, perform in chamber ensembles, brass and vocal ensembles, jazz combos, vocal ensembles, and world beat and steel drum bands. Participants will also perform in weekday recitals and several showcase concerts. Students in grades 11 and 12, who are at an advanced level of study with their instrument, may apply for our mentoring program. Our mentors work with less advanced students in all ensembles and play in

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faculty ensembles. Our Academy faculty is drawn from members of the UAF music faculty, UAF alumni who are professional musicians and educators, and selected guest faculty.

7) Visual Arts Academy, June 9–23

The UAF Visual Arts Academy is an intensive two-week visual arts program for students who are in grades 6-12. Participants will have the opportunity to work with professional artists in the studios of the UAF Art Department. This program is designed for students who are seriously dedicated to their art. The following courses are offered: ceramics, computer arts, drawing, metalsmithing, native arts, painting, printmaking, and sculpture.

8) Youth Culinary Arts Academy, June 18–22

Students ages 12-17, will spend the week at the training kitchen facilities at the Hutchison Career Center. Students will learn to prepare delicious soups, salads, meats, and desserts. Topics covered will include various cooking and serving techniques as well as food handling health and safety skills.

9) Kids Cooking Camp, June 25–29

Children ages 7–11, will be introduced to the joys of cooking foods of their liking in a healthy and responsible way. Students learn basic kitchen skills for preparing foods plus health and safety skills and how to clean up after the preparation. Program fee \$225.

10) Alaska Summer Research Academy, July 14–25, 2008

The Alaska Summer Research Academy (ASRA) is one of the best academic experiences in the United States, according to students and parents. Each year 130 students in grades 8–12 are immersed for 12 full days in one of fifteen different academic fields (modules). The goal is to “hook” students on a discipline by giving them an intense hands-on and minds-on experience, without the distraction of testing, homework, and grades. Topics vary from year to year, but in 2008 include marine biology, glacier dynamics, biomedicine, forensics, robotics, insects, math, human physiology, programming, earthquakes, creative writing, web and digital media, earth and space science, digital photography, and engineering design. Some modules travel off campus to Denali National Park to study earthquakes, Glacier Bay to study glacier dynamics and biologic succession, and Kasitsna Bay to study inter-tidal marine life. Others stay on campus and use high tech equipment as part of their investigations. ASRA showcases UAF facilities and faculty and gives students an intimate experience with inspirational UAF instructors. There are two instructors for every 8 students. 100 ASRA students live on campus in UAF dorms, and another 30 enroll as commuter students living at home. Students receive one college credit on completion. ASRA is offered by the College of Natural Science and Mathematics in cooperation with other units throughout UAF.

For more information:

www.uaf.edu/asra

Jeff Drake, Director, 474-7077

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Kate Pendleton, Program Coordinator, 474-7221

11) Earn & Learn

Students who are a minimum of 16 years of age and who take six credits during Summer Sessions are eligible for student employment through the [Earn and Learn](#) program. Campus jobs provide the opportunity for students to learn valuable time management skills and how to balance work with school responsibility. Tuition books and fees can be paid through payroll deduction.

12) Nanook Basketball Academy

- Position Play Camp June 1–3, This camp for boys grades 8-12 is designed to present advanced skills and take the serious players to the next level.
- Team Camp June 4–9, This camp is for boys grades 8-12 to help improve team skills in game situations.
- Co-ed Fundamental Camp June 11–15, This camp is for grades 3–8 and is designed to teach the fundamentals. All players receive instruction on shooting, passing, defending, rebounding, and lay ups. Skills are taught using drills and a variety of fun games.
- Alaska Girls Basketball Academy
 - Skills & Drills Camp June 17–20, Girls in grades 9–12 will be challenged to improve their basketball fundamentals which will help them compete at the next level.
 - Team Camp June 21–24, Team camp is geared for JV and Varsity girls' teams interested in improving team skills in game situations. Team camp offers a highly competitive environment with leagues divided up according to level of play.
- Little Nook Camp June 25–28, This coed youth camp for students in grades 3–8 is designed to teach the basic fundamentals of basketball with emphasis on skill development through clinic and station work. Players are divided into groups based on age and skill level. Camp runs each day from 9 a.m.–5 p.m.

13) UAF Summer Recreational Camp, July 7-Aug 15

Traditional and unique sport and recreational activities are offered at the Student Recreation Center (SRC). Activities include archery, bowling, basketball, badminton, climbing wall, flag football, floor hockey, lacrosse, new games, parachute games, riflery, racquetball, soccer, swimming, softball, tennis, table tennis, ultimate frisbee®, volleyball and more. Campers and staff decide their schedule for the week and participate in hour-long activities. Children ages 5–17 are divided into co-ed groups according to age.

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Summer camp is sponsored by the UAF Athletics and Recreation Department. For more information call (907) 474-6814 or visit www.uaf.edu/src/camps/summer.html.

14) Alaska Volleyball 2007 Summer Camps

- Beginner Skills Camp July 11–13, This is the place to start! A terrific three day (9 a.m.–4 p.m.) experience to introduce a solid foundation of the fundamental skills of the game. Recommended for girls and boys with one year or less of organized training. Lots of drills and games to develop individual skill proficiency and confidence; which lead to success in the team game. A good introduction to our Intermediate Skills Camp. Each camper will receive a Alaska Volleyball t-shirt. Camp fee is \$150 if registered before May 25. \$175 after May 25.
- Intermediate Skills Camp July 16–19, An exciting, fast paced, four day camp (9 a.m.–4 p.m.) for girls and boys focusing on the FUNdamental skills required for volleyball success. Lots of drills, games, contests, and prizes in a fun, cooperative and success oriented atmosphere. Perfect for girls and boys with one or more years of organized volleyball training! Each camper will receive a Alaska Volleyball t-shirt, and a custom volleyball. Camp fee is \$175 if registered by May 25 or \$200 after May 25.
- Advanced Skills Camp July 23–26, A challenging four day (9 a.m.–4 p.m.) volleyball training experience for players who are ready to compete at the high school varsity and junior varsity level. The development of solid technical and tactical skills will be emphasized. Games, contests, and prizes in a fun, competitive atmosphere. Each camper will receive a Alaska Volleyball t-shirt. Camp fee is \$175 if registered before May 25 or \$200 after May 25.

15) Shelton Leadership Institute, May 27-June 1

The Shelton Leadership Institute is a one-week residential summer experience designed to develop leadership skills for students finishing grades 9-12. The curriculum focuses on leadership roles and accountability, team building, leadership styles and situations, motivating others, citizen responsibility, integrity as a leader, public speaking, changing behaviors, and goal setting. Application deadline is March 31, 2008. For more information email fynlc@uaf.edu, call (907) 474-5942, or go online at www.uaf.edu/nlc/shelton/index.xml.

16) Jazz Fest, April annually (National Jazz Appreciation Month)

Jazz Fest provides two days of workshops & clinics with internationally and nationally recognized jazz artists for students primarily in grades 7 - 12 from the road system of Alaska. 350 to 400 participants are involved each spring. The Music Department advertises to schools via band & choir directors. UAF charges \$450/person fee of which

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100% is used to support guest artists (e.g., Jazz Knights). Band/choir directors arrange local housing for the festival participants (e.g., indoor camping at a school). This is an exciting, experiential learning opportunity; participants work directly with the guest artists in small group clinics and so forth.

17) Spanish for Young Adventurers (Jovenes Aventureros), June 16-27

UAF Summer Sessions sponsors a youth Spanish camp designed for youth ages 7 to 10 years old. Held on the UAF Campus for three hours each weekday morning over the course of two weeks, the camp includes games, music, cooking and outdoor activities all in a friendly and patient environment.

18) Cooperative Extension Summer Youth Activities

- Emergency Trauma Technician course in Craig for Youth First Responders offered by Karen Petersen
- Heidi Veach helps organize the Native Village of Gakona's Youth Environmental Summit May 28 & 29.
- Copper River All Terrain Vehicle Education youth will be receiving ASI (All-Terrain Safety Institute) Certification June 7.
- The Kenny Lake All-Terrain Vehicle Education group is planning a rider certification in June and will be participating in local events throughout the summer including the Kenny Lake Fair in August.
- The CYFAR grant will be organizing youth/adult partnership groups in both Kenny Lake and Bethel during the summer.

4-H Activities by Area

Tanana District Camps and Programs for Summer 2008

- June 3-5 – Horse Camp in Delta Junction – Open to all youth 3-12 grades
- June 7 – Livestock Showmanship Clinic – 4-H Livestock participants K-12 grades depending on the animal.
- June 12-15 – Horse Clinic and Schooling Show – 4-H Equine youth 3-12 grades.
- June 23-26 – 4-H/Youth Jr. Jamboree Camp – Open to all youth 3-8 grades. High school youth used as counselors. Held at Twin Bears Camp.
- July 14-16 – 4-H Cloverbud Camp – Open to all youth K-2 grades. 6-8 graders used as counselors. Held at Georgeson Botanical Gardens.
- August 1-9 – Tanana Valley State Fair.
- There are also two individual days that we do goat, sheep and rabbit showmanship clinics. Volunteers also teach a sewing and cooking classes in the summer. We also do two separate weigh-in for the market animals, one for large and one for small. One of our clubs does a lot of petting zoos throughout the summer.

Cordova Music Camp

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July 14-19 – This camp is a partnership with 4-H and is held in Cordova. It is open to all youth K-12.

Kodiak 4-H

- May 24-25 – Petting Zoo
- June 20-21 – Summer Camp
- August 9-11 Horse Show Clinic

Juneau 4-H

Juneau has just been maintaining with the lack of an agent. We hope to get things up and running soon.

Eielson Air Force Base

- Operation Purple Camp July 12 - 20 at Lost Lake Boy Scout Camp
- Health Rocks training: June 3rd in Anchorage is the only date set; one scheduled for Birch Lake was canceled due to weather. One was held Joel's Place (5/28) also.
- Deployed Family activities at Eielson are held monthly the last Saturday of the month; last one occurred May 31st.

Anchorage 4-H

The 4-H/National Guard Summer Camp is held July 16-19. Kids from Anchorage will be there as well as 25 campers from the 4-H military grant that are National Guard and Reserve children of deployed members.

Nome 4-H

A ½-day training to the staff working with the Summerise program is offered. Summerise is a 6 week long-day camp available to all the youth of Nome ages 5 and up. The activities include health and nutrition activities for youth. Summerise is sponsored by the City of Nome, Norton Sound Diabetes Prevention and other community partners. The program staff includes 8 Nutrition interns (from the lower 48) and 6 High School Students from the Bering Straits region. This group receives a 1/2 day of training on: hands on/experiential learning, discipline, brain research/child development, encouraging language skills and building rapport with children.

Mat-Su/Copper River 4-H

- Edible Greens Hike and workshop-May 21
- Babysitting class-May 27, 29
- Jr/Intermediate Horse Camp-June 6-8
- Teen and Adult horse Clinics-June 3, 4, 9
- Camp Counselor Training-June 9 and/or July 10
- Livestock Rally Days-workshops, June 10, 11
- District 4-H/National Guard Camp-July 16-19

19) CRCD Summer Youth Programs

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Bristol Bay Campus

ENVS 195 Natural History of Salmon/Salmon Camp for High school students

This annual 2-week course offered by the Bristol Bay Campus uses salmon to investigate the environmental conditions of the Bristol Bay ecosystem. It also provides experience in aquatic related science through hands-on scientific observation, experimentation, and data analysis. Students are involved in individual projects and will make presentations of their findings. This course was designed to interest high school students in biology, environmental or other science careers. While this course develops connections between academic, agency and industry partners, it also encourages HS students to enroll in other internships after high school. Partners include U.S. Fish & Wildlife, University of Washington, Bristol Bay Economic Development Corporation, 4 local school districts, USDA, NOAA and Bristol Bay Campus.

Interior-Aleutians Campus

This will be the first summer for the Interior-Aleutians Campus Ten Hunee Daal'oye (Trail Markers) Upward Bound summer program. The program is funded by the TRIO program and the First Alaska Institute. The camp will take place June 16 through July 2. The camp targets Upward Bound and Early College program participants and general program students from Lathrop HS and Effie Kokrine Charter School plus Ryan Middle School. The academy combines Elder mentorship, cultural activities, academics, outdoor life, gardening, and leadership development for Alaska Native students grade 8-12. Some of the activities will take place at Howard Luke's Gaalee'ya Spirit Camp.

Kuskokwim Campus

Educational Talent Search

Kuskokwim Campus' Educational Talent Search Program has been running since Fall 2002, and is a Department of Education TRIO grant. Over the course of the last 5 years, not including this summer, it has served over 750 students. Currently on the first year of the second grant period, the program is funded for an additional 3 years. The program works with students ages 11 through HS seniors. Mission is to help students get to college or attend some form of Post-Secondary education. The program runs from June 8 through July 25 this summer.

Summer Science Field Camps

Students from across the AYK Delta are invited to participate in UAF research projects in Anthropology and Fisheries Biology on Nunivak Island, college credit can be earned. This program has been suspended for summer 2008, but is expected to resume in 2009.

Summer KuC Jr. Bridge Sciences-STEM (Science, Technology, Engineering and Mathematics)

Summer bridging program targeted at high school seniors who graduated in May 2008, particularly for those students who plan to study math, science or engineering in College.

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This summer's program runs for 7 weeks from June 7 through July 26. Students can use the ANSEP scholarship for tuition costs, on condition that they enroll with UAF in the fall.

Northwest Campus

Partnership with Chugach School District Summer EXCEL Camp

Northwest Campus is offering UAF credit for some of the courses offered through the Chugach School District Summer Camp, including credits in Culinary Arts, Construction Trades Technology, Applied Business, and Education.

Rural Alaska Honors Institute

The UAF Rural Alaska Honors Institute (RAHI) program, founded in 1983, will graduate its 26th class this summer of 48 students on July 9th at 1:30 pm in the UAF Schaible Auditorium. RAHI is a six-week summer bridging program designed to prepare rural and Alaska Native high school students for academic excellence and college success. The program helps smooth the academic and social transition between high school and college and ensures greater retention and success in higher education. Students earn between 7-10 college credits and enjoy many campus and community activities. Over the 26-year history of the program, the 1120 RAHI students have produced seven doctorates, including a medical doctor and doctor of pharmacy, along with 30 masters, 244 bachelors, 108 associates, and 47 certificates. An independent study by the American Institutes for Research found that: When just comparing minority students, RAHI rural Alaska Natives were nearly twice as likely to successfully complete a Bachelor's degree program as other rural Alaska Natives (19 percent versus 10 percent, $p < .0001$). In addition to the original RAHI program described above, this is the second summer for the RAHI II, Next Step program, funded by InBre. RAHI II, Next Step's seven students are extracting and studying DNA in their Introduction to Research & Molecular Methods all day class. And, finally, housed within the RAHI dorm is another program, funded by Elena Sparrow's LTER/EPSCoR grant. These two high school students are working on campus in research labs and receiving a paycheck. They participate in the RAHI evening and weekend activities. Dates of all three programs for 2008: May 27-July 10, 2008

Health Programs

The Rural Allied Health Academies program has typically hosted one summer camp for the last 5 summers, one in Kotzebue and thereafter in Galena. Credits have ranged from 5 to 6 credits and 15-20 students have been served per summer. This summer we were able to offer two camps, one in Kotzebue (May 12-May 29) and Galena (June 1- June 18), each for 6 college credits. Both have about 15 students and include Intro to Health and DEV MATH, EMS 152-ETT and Dragon Slayers (Fire Fighting) in a three week block. There is a more picturesque description on our website: <http://www.uaf.edu/crcdhealth/>. Our overarching goal is to entice rural students into health careers and college. We have a terrific completion rate each year. Only one or two students are sent home without completing (homesick, illness, and occasionally acting out). Most finish AND pass certificates or other tests for each course.

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Library:

K-12 students have access to UAF library material through the library agreement with the FNSB library and with the statewide library system through a similar agreement.