

# Equinox Marathon is Tomorrow

Chris Haines, winner of last year's Equinox Marathon, won't be back this year, but there will be no lack of competition in the marathon, to be held tomorrow.

The U.S. Army Biathlon Team at Ft. Richardson is expected to be represented. Members of the team placed first in the 26-mile, 385-yard marathon in four consecutive years, 1964-67.

Haines, who twice won the marathon in the boys' division while a student at Lathrop High School in Fairbanks, set a new record of 2 hours, 59 minutes and 1 second in finishing first in the men's division last year. Now attending college outside Alaska, he will be unable to compete this year.

The son of Dr. Lewis E. Haines, provost of the Southcentral Region, he won the Resurrection Pass Trail Marathon last month in 3 hours and 28 minutes. This is an AAU-sanctioned marathon held on the Kenai Peninsula near Anchorage.

Stiff competition is anticipated this year in the women's division of the Equinox Marathon, won the past two years by Barbara Page of the Lathrop High School faculty. The teacher ran the marathon last year in 4:40:10, six minutes faster than in 1969. Marianne Van Enkevort, a Lathrop senior last year, finished first in the girls' division in the time of 4:40:36. She will run in the women's division this year.

Anchorage runners did well in the marathon last year and a number will be out this year to try to better their previous running times.

Mrs. Marcie Trent of the Anchorage Pulsators running club, winner of the women's senior division last year in 4:40:03, says she will be running for her best time this year. Winner of the women's senior division in the Resurrection Pass Trail Marathon this year, she has run more than 1,000 training miles in 1971 in preparation for that event and the Equinox Marathon.

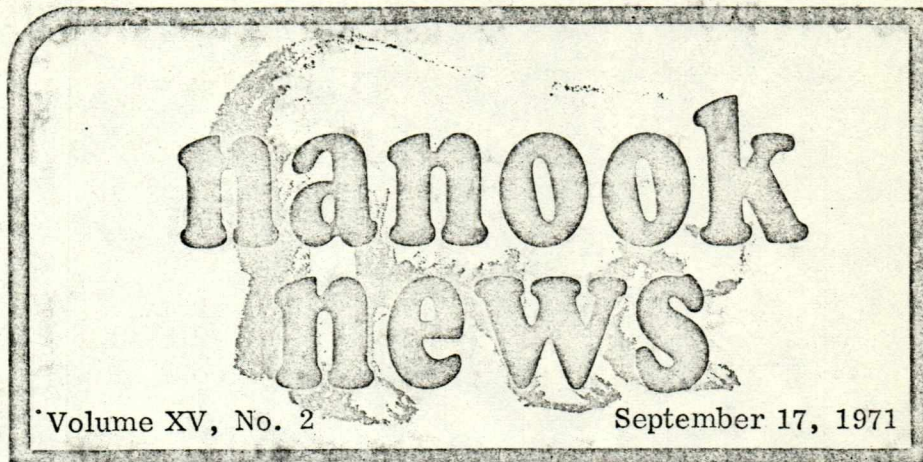
The 53-year-old Mrs. Trent has the distinction of being the oldest U.S. woman marathon runner listed in the 1971 Marathon Handbook.

Neither Charles MacInnes, winner of the men's senior division last year in 4:20:39, nor his son Scott, winner of the boys' division in 3:24:56, both Pulsators, will be able to compete in the Equinox Marathon this year. Scott is a student at Dimond High School in Anchorage.

Both runners and hikers take part in the annual marathon, which begins and ends at Patty Gym. Runners must have pre-registered earlier this week. There is no entry form for hikers who will pay a \$1 entry fee at the time they pick up their

numbers on marathon day. All who finish the grueling event receive an Equinox Marathon patch, and there are special awards for top runners.

The six categories of runners are boys/girls age 10 through high school; men/women beyond high school; and senior men/women, 35 and over.



## Housing Dedication Sunday

The University of Alaska's new faculty housing complex, Yak Estates, will be dedicated and opened for public inspection on Sunday.

A gift of the Atlantic Richfield Co., the apartments are located on Chena Ridge three miles from the university campus here.

Representatives of local, state and federal government, the Fairbanks

Chamber of Commerce, military installations, legislature and the oil company have been invited to attend the public ceremony which is to begin at 2 p.m. at Yak Estates.

The complex consists of 96 two and three-bedroom apartments in 16 clusters. Each of the L-shaped apartments has a carport, electrical outlet for auto heater, and outdoor storage closet. The access road and courtyards are paved.

The modular units were constructed by Northwest Homes of Chehalis, Wash., and hauled to the site from Valdez and erected this summer by the Baugh-Belarde Construction Co. of Anchorage.

The apartments will help to meet "a critical need for good, fairly-priced faculty housing," said Dr. Donald C. Moyer, executive director of the university's Office of Planning and Institutional Studies.

Moyer will speak at the Sept. 19 dedication, to be presided over by William A. O'Neill, president of the university's Board of Regents. Ralph F. Cox, Atlantic Richfield's resident manager for Alaska, will present the trust document for the apartment complex to Dr. William R. Wood, president of the state university. Both will offer remarks.

Under an agreement with Atlantic Richfield, the university will manage the apartments and collect rents, which will be turned over to the subsidiary corporation for payment on the mortgage. The 12.5-acre site of the project was leased to the subsidiary by the university.

## Library Hours Announced

Rasmuson Library hours for fall semester will be:

Monday-Thursday, 7:30 a.m. - 10:00 p.m.

Friday, 7:30-6:00 p.m.

Saturday, 1:00 p.m.-6:00 p.m.

Sunday, 2:00 p.m.-10:00 p.m.

Reserve Room service will be available on the same schedule. However, the reserve study area will be open continuously, 24 hours a day. These somewhat limited hours are necessitated by the library's more restrictive operating budget for the current fiscal year.

The Government Documents collection will be open on Tuesday evening, 6:00 - 10:00 p.m., in addition to regular weekday hours of 8 - 5.

Telex service is now available to Canada, in addition to the other states and other countries. The installation is located on Level II of the library. Service hours are from 8 a.m. - 5 p.m. weekdays.



# SIECUS Founder Speaks

The founder of the Sex Information and Education Council of the United States (SIECUS) will visit the campus next week to present public and classroom lectures.

Under the sponsorship of the Special Events Committee, family life expert Dr. Lester Kirkendall is scheduled to lecture to the campus and Fairbanks community at 8:00 p.m. on Wednesday in Schaible Hall. He will speak there again at 1:00 p.m. Thursday in another convocation.

Kirkendall's topic will be "The Sexual Revolution: Myth or Actuality." He has notified the university that he will "argue that a sexual revolution must actually turn on our outlook toward one another—not on figures of intercourse. I emphasize particularly the importance of interpersonal relationships and the value of a sense of closeness and intimacy."

A professor of family life at Oregon State University, Dr. Kirkendall has achieved international recognition as an authority on sex, family living and

marriage; he is author of eight books, numerous pamphlets, and more than 200 magazine articles. In addition, Kirkendall has appeared at conferences, universities and meetings; he has conducted workshops in sex education and family life at universities in the U.S. and England.

Kirkendall, now a director of the controversial organization which he founded, says he has been "concerned with finding a framework for responsible decision-making on ethical matters which would cut across religious, racial, age, sex and ethnic lines, and which would be in keeping with the essential needs of human beings."

Kirkendall's schedule during his three-day visit to Fairbanks includes visits to university classes on Thursday and Friday; brunch with the UA chapter of the American Home Economics Association on Friday; and dinner with students and an informal question-answer period on Friday.

# More Buildings Rise at UA

Construction totaling more than \$18 million is now under way on the University of Alaska campus here, and this figure is expected to rise above \$21 million over the next 30 days.

An eight-story general classroom building costing some \$5.25 million is about 75 per cent complete and expected to be ready for occupancy in the latter part of the year.

A student activities building — to be named the William Ransom Wood Center as a tribute to the University's president — is estimated to be 85 per cent complete. The \$4 million center, expected to be completed in November, will contain lounges, food service facilities, game rooms, and student activities rooms. It rises next to the new classroom building.

The site has been cleared for a \$4 million resources building on the west ridge of the campus to be part of a complex including the present Biological Sciences Building and the Geophysical Institute.

Major paving and road reconstruction work — to cost a total of \$2.4 million — got under way last month. This project includes the paving of the parking areas in front of the Patty Building (gymnasium), west of the University Commons (dining facility), and behind the Bunnell Building. The contractor has 120 days to complete the work.

A contract was awarded last month for construction of 72 units of married student housing, to go up near the Columbia Circle residential area. The project — to consist of one, two and three-bedroom apartments — has a \$3 million price tag. It is to be completed by August 15, 1972.

All of these construction projects are to be built entirely on the sites, which means a maximum of Alaska labor will be involved in them.

A contract was awarded early last month for expansion of the existing campus fire station, to C & R Builders of Fairbanks who bid \$189,000 on the project. At a later date the university will open bids for construction of a student health facilities building adjacent to the fire station.

A \$1.5 million modernization of campus utility systems is planned and contracts for the initial phases of this work are expected to be awarded before the end of September.

Some \$700,000 is earmarked for improvements at the university's Institute of Agricultural Sciences, formerly known as the Agricultural Experiment Station. Design work is going ahead on new laboratories and environment control chambers for the study of plant and farm animal physiology, refrigerated space for the study of crop storage problems, workrooms and offices, livestock housing structure, and machine storage shed.

# Raises Denied

University of Alaska employees to receive salary increases under new contracts effective Sept. 1 will not get the increase, the federal Office of Emergency Preparedness has informed the university.

The ruling, under the wage-price freeze, affects 137 employees—mostly teachers.

Other university employees with contracts which took effect on July 1 will get any increases called for in the contracts, the OEP has ruled.

Questions relating to salary increases and other adjustments, student room and board fees, and tuition were put to the federal agency by Harold A. Byrd, the university's executive director for budget development and legal affairs.

In the matter of salaries, employees whose contracts were effective July 1 had received some payment under them before Aug. 14—when President Nixon issued his wage and price freeze order. Increases provided for in contracts dated Sept. 1 cannot take effect because no payments were made before Aug. 14, and employees having such contracts may be paid no more than the rates in effect during their last year's employment, the OEP declared.

Eight university employees returning this fall from a year's sabbatical leave may receive any salary adjustments and merit increases granted for 1970-71 but will be denied any such increases for 1971-72, under the OEP ruling.

# CORRECTION

Nils Ivar Johansen was incorrectly described in last week's Nanook News. The personal information which accompanied his picture was that of Nils Leo Johanson, who teaches welding at Anchorage Community College.

Assistant professor of geological engineering Nils Johansen is a citizen of Norway who completed his doctoral studies last June at Purdue University; he also earned B.S. and M.S. degrees in civil engineering there. A member of several honorary and professional societies, Johansen has held positions at Purdue as a graduate research and teaching assistant, and with the Indiana State Highway Commission as a research engineer.

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# POTPOURRI

THE NANOOK NEWS is published weekly by the News Service department of the University Relations Office. Deadline is Tuesday noon for inclusion in Friday's issue; please call Ext. 7581 at least a week in advance of publication date if special events or programs are planned. You are urged to call the News Service staff with items for release both through the NANOOK NEWS and local and state media.

Famed prophetess JEANE DIXON will be the featured speaker at this year's benefit dinner for the TUNDRA TIMES, Alaska's native newspaper. Tickets are available now at the SUB Information Booth; admission price is \$25 for couples, \$15 for singles, for the game-and-vegetables dinner, which will be held on Oct. 9 at the Travelers Inn Gold Room.

ALASKA FREE UNIVERSITY CLASSES start Sunday, with offerings including women's literature, astrology, palmistry, "The Pilgrim's Progress," vegetarian cookery, Finnish language, and poetry workshop. Schedules are available at the SUB Information Booth; all classes are free, non-credit, and have no prerequisites.

The Fall Board of Regents meeting will be held at the campus here this weekend. The agenda will be limited to consideration of the university budget for the 1972-73 fiscal year and major items that may require early action by the regents. The impact of the President's wage-price freeze order on the university is expected to be discussed. The meeting originally was to be held in October but was moved ahead because of the new Oct. 1 deadline for submission of the budget request to the Office of the Governor. On Sept. 28, the regents will travel to Juneau to meet Gov. William A. Egan for an informal discussion of the major issues facing higher education in Alaska.

Duck hunting on Smith Lake and Ballaine Lake is prohibited, according to the department of wildlife management. The wildlife preserves around the lakes have been violated recently by a number of hunters who have taken birds from the area. The lake sites are used for field research and it is illegal to hunt there, the department states. Ballaine Lake is located off Farmers Loop Road, near Ballaine Road; Smith Lake is visible from Sheep Creek Road. Both lakes are on university property and are posted with "no hunting" warnings.

Roland Kaven, Tanana Valley district extension agent for the Cooperative Extension Service, retired from that post this month. His replacement in the Fairbanks office is Ray Morgan, who transferred from Southeastern Alaska. Kaven has a total of 35 years in extension work and is now retiring for the second time, after a five-year career in Alaska, according to Dr. James W. Matthews, director of the extension service. "His previous 30 years were spent in Michigan and in a three-year tour in India. He has been extremely effective in putting his experience to work here in Alaska," Matthews said.

The order of GRAND COMMANDER, STAR OF AFRICA has been conferred upon university president WILLIAM R. WOOD by the African nation of Liberia. Dr. Wood and other university presidents received the high honor this summer during the Third Triennial Conference of the International Association of University Presidents. (IAUP), held in Monrovia, Liberia. Dr. Wood addressed the conference and at its conclusion was unanimously elected a vice president of the IAUP. The International Association of University Presidents, founded in 1965 with five members, has grown into an organization of 260 representing 57 countries.

The new dean of the College of Business, Economics and Government is co-author of a new economics textbook just off the presses, *ECONOMICS FOR EVERYONE*. DR. BENJAMIN PERLES, formerly of Bentley College in Massachusetts, wrote the book with Dr. Charles M. Sullivan, associate dean of the College of Business Administration at Bentley. "The book is my first attempt at a pre-college book," said Perles. "Dealing with the American economic system, it is theoretical, analytical and descriptive. It has been well received and well reviewed." Other BEG faculty members have had articles published in recent months. DR. JAMES FOSTER, new member of the history department, is author of "1954: A CIO Victory?" appearing in the summer 1971 issue of *LABOR HISTORY* magazine. An article by Dr. Ronald Chinn, head of the political science department, "The 1970 Election in Alaska," appeared in the June issue of *WESTERN POLITICAL QUARTERLY*.

DR. ALLAN H. MICK, former director of the Agricultural Experiment Station in Palmer, died in that community recently. He was 59. Mick, who had lived in Alaska since 1948, retired in January 1969. He is survived by two daughters, Mrs. James (Shannon) Carpenter of Anchorage and Kerry Mick of Palmer, a student at the University of Wisconsin, and a son, Colin, a graduate student at Stanford. Mick held B.S. and Ph. D. degrees from Michigan State University, the former in agricultural engineering and latter in soil science. It was as a soil scientist that he came to Alaska. For a time he was also director of the university's Cooperative Extension Service. Memorials in his name may be given to the American Cancer Society.

Four courses on ALASKAN NATIVE CULTURE, requested by native students, are being offered at the University of Alaska for the first time this fall. The four courses now in progress are Aleut, Eskimo and Indian Literature, Native Politics, Native Heritage, and the Art of Skin Sewing. The literature course is taught by Dr. John W. Bernet, associate professor of English. The heritage course is led by Dr. Walter Soboleff, coordinator of native studies, and Dr. Clause M. Naske, assistant professor of history. Jewel B. Smith, assistant professor of home economics, is coordinating the skin-sewing course, which involves native women as instructors, and Dr. Gordon B. Harrison, assistant professor of political science, is teaching the native politics course. The scheduling of the native culture courses at the university this fall marks the end of eight months of peaceful effort by native students to bring it about.

The season's first FLYING NANOOK OF THE WEEK AWARD goes out to the STUDENT ACTIVITIES OFFICE, for calling off the all-campus Labor Day picnic, but not telling anyone of the decision. A number of would-be picnickers, including University President and Mrs. William Wood, gathered at the Beluga for the anticipated fun on Sept. 6. Student Activities director Don Scott was later heard to explain that the unannounced cancellation was prompted by parking lot construction in progress near the gym.

The University Museum had 30,009 visitors during the summer period this year from May through August, according to museum director L.J. Rowinski. This was 1,125 less than the number who visited the museum during the same period of last year, he said. The summer months are generally the busiest at the museum, with tourists and other visitors coming for a quick survey of Alaska's natural and cultural history, he said. The museum is now open every day, including weekends, from 1 to 5 p.m.



# Photos Prove Auroral Conjugacy

Like mirror images, the Northern and Southern Lights flicker over the earth's poles in almost identical patterns, which inspire wonder among laymen and speculation among scientists.

The phenomenon called the conjugate aurora, long suspected by theoreticians, has been established as a general occurrence, in large part through a series of photographs taken by the university's Geophysical Institute. The photographs, taken during airborne experiments, clearly show the mirrored patterns which appear simultaneously in the Arctic and Antarctic atmospheres.

The next in the experimental series of "conjugate flights" is in progress now, with specially-equipped planes departing from Elmendorf Air Force Base in Anchorage and from Christchurch, New Zealand, flying synchronized routes at opposite ends of the world.

All-sky cameras on the aircraft photograph the aurora at a rate of 12 times per minute. Other conventional cameras and TV systems, recording both in black and white and in color, are also in operation, producing thousands of frames for each of the five eight-hour-long flights flown by the two planes.

The flights are flying as conditions permit, through Sept. 21; the project is funded by a grant of \$40,000 from the National Science Foundation.

This year's conjugate flights, directed by Dr. Eugene M. Wescott and geophysicist Hans C.S. Nielsen of the Geophysical Institute in cooperation with the Los Alamos Scientific Laboratory in New Mexico, are intended to gather further photographic evidence of the conjugate aurora—and also of the sporadic breakdown of conjugacy which interests the scientists as much as, or perhaps more than, the similarities.

Because the southern auroral zone is over water or unpopulated areas, the existence of a southern counterpart to the famous Northern Lights was until comparatively recent times merely a matter of speculation. Even when the aurora australis was discovered over a century ago, there was no way of determining if auroral displays at opposite poles were identical and simultaneous, although that suggestion was advanced by scientists.

It was not until the International Geophysical Year (IGY) in 1957 that the phenomena could be closely examined. During that year of worldwide scientific cooperation, the first photographic inklings of auroral conjugacy were provided by all-sky cameras located at Campbell Island, Maquaire Island and Svowa in the southern hemisphere, and at

Farewell and Kotzebue, Alaska, and Reykjavik, Iceland, in the north. However, because the southern islands were frequently overcast with clouds, only very limited data were obtained.

Almost a decade after the close of IGY, researchers at the Geophysical Institute, renowned for its auroral studies, picked up where the earlier experiments had ended. Using airplanes which carried cameras above the cloud cover, they launched in March, 1967, the first of the conjugate flights which brought back photographic proof of the existence of conjugate aurora.

While the notion of identical, simultaneous aurora patterns is perhaps startling in itself, Geophysical Institute researchers are now interested in

examining breakdown of conjugacy as well. Because the aurora is related to the earth's magnetic field and the magnetic field connects the two hemispheres, geophysicist Nielsen explains, scientists were not totally surprised that the aurora themselves are similar.

But the Geophysical Institute's masses of photographic data show occasional lapses in similarity. Although during periods of low and near the lower reaches of the auroral zones, the lights are identical, with patterns mirroring each other, conjugacy breaks down when activity is high. In addition, higher-latitude aurora are slightly displaced from their expected positions, although the patterns remain similar.

## COMING EVENTS

### THIS WEEKEND

ASUA MOVIES: THE MOLLY MCGUIRES and SECONDS, starting at 7 p.m. Friday through Sunday in Schaible Hall. Admission charge is \$1 or student activity card.

### FRIDAY

UNIVERSITY ASSEMBLY meets today at 2 p.m. in the Nanook Lounge of the Patty Gym.

AUDITIONS for the theatre department's production of "THE APPLE TREE" will be held tonight at 7:30 in the Fine Arts Theatre. The musical production will be staged in October.

"DO YOU REMEMBER THAT PARLOR GAME WHERE SOMEBODY STARTS A SENTENCE WITH A WORD?" (a comedy) will be presented as the Fairbanks Drama Association's season kick-off, tonight and tomorrow night at 8:15 in the Alaskaland Civic Center; the show is also playing next weekend. Admission charge is \$2 or purchase of a season ticket to FDA productions. The show, a variety-comedy production starring emcees Hap Ryder and Mike Downing with supporting actors Jan Bradner, Guy Van Doren, Patsy Turner, Ardith Smith and others, will be an Alaskan rendition of a well-known television comedy show.

### SATURDAY

Annual EQUINOX MARATHON starts from Patty Gym at 8 a.m. (See story page 1).

### SUNDAY

Pianist JULES GREENWOOD and saxophonist LYNN TIETSWORTH appear in concert Sunday at 7:30 p.m. in the Fine Arts Theatre, playing works by Brahms, Bozza, Debussy and Rachmaninoff; major piece of the evening is Defenclof's "Prelude, Cadence and Finale." There is no admission charge.

### MONDAY

AMERICAN ASSOCIATION OF UNIVERSITY WOMEN meets at the Hospitality House, 1401 Kellum, at 8 tonight. Any woman university or college graduate is eligible for membership; meetings are held on the third Monday of each month. Topics of concern this year are "Crisis in Public Education" and "Consumer Protection."

EARTH SCIENCES SEMINAR today at 4:00 p.m. in 201 Brooks, featuring Nils Johansen speaking on "Stress-strain properties of Indian limestone."

### WEDNESDAY

LESTER KIRKENDALL, founder of the Sex Information and Education Council of the United States (SIECUS) speaks tonight at 8 p.m. in Schaible Hall. (See story page 2).

THE KIM BROTHERS rock band performs tonight at a dance-concert in the Lower Commons at 8; admission is free.

### THURSDAY

LESTER KIRKENDALL speaks in the Fine Arts Theatre at 1 p.m. (See story pg. 2).  
GEOPHYSICAL INSTITUTE SEMINAR today, 3:30-5:00 p.m. in the Elvey Building Conference Room.