

Geophysical Institute to Study "Heat Island"

FAIRBANKS — The Geophysical Institute of the university of Alaska has been awarded a two-year, \$72,000 grant by the federal Environmental Protection Agency (EPA) to study the Fairbanks "heat island."

A heat island is the area warmed by the presence of a city. It is important, say scientists, in that winds caused by the temperature contrasts between city and countryside may have a major effect on the pollutants are (or are not) carried out of the populated area, especially

under conditions of very low wind speed.

These temperature contrasts are greatest at night in winter under conditions of low wind speed and strong ground inversions. They are caused partly by the difference in the way trees and buildings respond to wind, moisture, and sunlight; partly by fog and smoke in city air, and partly by the heat added to the air by burning fuels of all sorts.

Fairbanks is already known

to have a quite strong heat island for its size. In winter, the downtown area is frequently 10 degrees warmer than most flat areas outside the city. At this time it is believed that the Fairbanks heat island results primarily from heat from buildings, power generation, automobiles and other energy use, with ice fog having an additional effect as a thermal blanket.

One important feature of the heat island research project will be an inventory of the fuel burned in the Fairbanks area. Helicopters and airplanes will be used to see how high the relatively warm temperatures extend above the city. Temperatures at the ground will be measured from moving automobiles.

Principal investigator for the research project is Dr. Sue Ann Bowling, assistant professor of geophysics at the Geophysical Institute. She has been associated with the Geophysical Institute since 1965 when she studied the effects of meteorological conditions in the Fairbanks ice fog under a National Aeronautics and Space Administration traineeship grant.

Other key scientists in the project will be Dr. Carl Benson, whose work on ice fog is well known, Dr. Takeshi Ohtake and Dr. Glenn Shaw, all staff members of the Geophysical Institute.

Letters

Stickman...

(Continued from Page 2)
about, high prices, gasoline, etc. Nothing.

Nurses to talk to. Lot of strange people to see. New lease on life. But the only thing here I was in this hospital for eight days, 10 years ago on Declaration Day of Independence, that's 4th of July. I wonder why the 4th?

But Howard, believe it or not, I was here a month ago on Friday afternoon. There was seven African girls different times asked me for a date. Also two white girls and one blonde Indian or Eskimo. That's 10 in an hour, between the Union Club and the Montana Club. I must looked pretty good to them with my white hair and mug. When they have to come all the way from Africa to ask me for a date.

That's pretty good at 67! So, be sure and get on the ball and send me the Tundra Times on time. Not late anymore.

I'll be admitted to the 4th Floor on East Avenue.
Fred Stickman Sr.

Tahl...

(Continued from Page 2)
Before the state sanctions the moving of the State Capitol, and at an estimated cost of \$500 million, why not just meet their moral and legal obligation to the Native People.

From what the media relates, the cost of the move would be met by "excess" funds in the state treasury.

I say, "To hell with moving the State Capitol. Use that money to pay the legal and moral obligation due to the Natives!" The Native People can well use that money owed them by the state — you must be aware of that as you are, after all, the governor of the state and should know the conditions of the Native People.

Very truly yours,
William A.A. Tahl
(An Eskimo)

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HELP WANTED

HELP WANTED

The Tanana Chiefs Conference is now accepting applications for the position of Community Development Specialist under the Tanana Chiefs Health Authority. Knowledge of Interior Alaska and its people will be essential for the position in order that communication will be more effective. Experience in Public Health care administration and education helpful. Salary will depend upon experience.

Job duties, which will require frequent travel to interior villages include, but are not limited to:

- 1) assist with solving rural public health problems
- 2) assist with developing a strong health consciousness among people of all ages utilizing appropriate media
- 3) promoting the idea of preventative medicine through health education
- 4) assist with developing village family social services
- 5) assist with developing village mental health programs

Send application and/or resume to:
Claude Demientieff
Tanana Chiefs Health Authority
102 Lacey Street
Fairbanks, Alaska 99701
Deadline for submitting applications is July 12, 1974.

PROJECT PLANNER (JUNIOR) 1—Project Planner will work under supervision and in conjunction with Director of Facilities Planning in coordination of Facilities Advisory Committees during development of facility use programs; development of project master schedules with Process Planner; in the monitoring of Project Architects and Consultants during design phase of facility development; provide facility data to Process Planner; assist in review of building design and documents prior to bid. Graduate architect or the equivalent training required. Three years' architectural planning experience required. Send complete resume to Donald C. Moyer, Executive Director Facilities Development, University of Alaska, Fairbanks.
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HELP WANTED

Now accepting applications for Apprenticeship Cement Masons Apprenticeship Outreach, 315 5th Ave., Fairbanks, Alaska. AN EQUAL OPPORTUNITY EMPLOYER.

ANNOUNCEMENT
The City of St. Mary's is soliciting proposals for an operation and management agreement covering the St. Mary's Kumeliuk facilities. The Kumeliuk is a multipurpose building. It contains a 5 room hotel, restaurant, city clinic, auditorium, Calista office, Post Office, cold storage freezing, processing, storage facilities. The agreement shall provide for operation and management of the building and grounds meeting the needs of tenants and lease of the 5 room hotel and restaurant facilities. Inclusion of the auditorium as part of the leased facilities is optional. Tenants are the City Clinic, Calista office, U.S. Post Office and King Island Fisheries. The St. Mary's School District may want to continue serving its hot lunch program through the Kumeliuk until new area high school facilities are available, about February, 1975.
Proposals in writing should be sent to the St. Mary's City Council, St. Mary's, Alaska 99658 before 7:30 p.m. July 18, 1974.
Further information may be obtained from Mayor Moses Paukan or City Clerk-Treasurer Mary Travers at St. Mary's through RCA KXA 27, or by contacting Paul T. Dixon & Associates, 426 Eagle Street, Suite 2, Anchorage, Alaska 99501, telephone 277-8415.
Moses Paukan, Mayor
City of St. Mary's, Alaska 99658

HELP WANTED

We often have vacancies for elementary teachers and teacher-aides; clerk-typists, social workers, engineers, and maintenance workers; as well as technical and administrative openings. For information on how to apply, write: Personnel Officer, Bureau of Indian Affairs, Box 3-8000, Juneau, Alaska.

FOR SALE

Billiard Supplies: Bed Cloth, Spray Glue, Cues, Slip-on Cue Tips, Chalk, etc. Mayfair Sales, 1595 College Rd., Fairbanks, Alaska 456-4651.

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Ave. Sgl. with bath \$15

HELP WANTED

POSITION VACANCY ANNOUNCEMENT

TITLE: Program Director, Alaska Native Health Career Development Project
WHERE: Anchorage, Alaska
AVAILABLE: July 1, 1974 (Date of Hire)

RESPONSIBILITY: With the Director of Health Affairs Division, assume total responsibility for the entire project. Oversee and maintain accountability for budgetary expenditure of the project. Develop general operating plans and time tables for entire project providing coordination of semi-autonomous contractors through collaborative planning and program assessment process in regular staff review. Hire and supervise with the Director of Health Affairs staff within the Alaska Native Health Career Development project.

QUALIFICATIONS: The Director will have a working knowledge of the broad fields of education and health affairs with particular interest and experience in special programs for disadvantaged students. Previous experience in health manpower development and health education is desirable. He must be able to work closely with college administrators, professional school administrators, faculty, health professionals, health administrators, and political and governmental leaders.

SALARY AND FRINGE BENEFITS: Salary commensurate with experience, plus group medical and dental coverage.

CONTACT: Carl Jack, Director, Health Affairs Division, 1675 C Street, Anchorage, Alaska 99501
APPLICATION DEADLINE: Extended to July 15, 1974

HELP WANTED

POSITION VACANCY ANNOUNCEMENT

TITLE: Residential Counselor — female
WHERE: Anchorage
AVAILABLE: September 1, 1974
RESPONSIBILITY: Work with teenagers on individual and group basis in residential setting. Live-in 4 days on, 4 days off. Emphasis on culturally diverse staff to work with culturally diverse clientele.

QUALIFICATIONS: Some college or social service experience and Alaska driver's license required. Ability to work under pressure with persons in crisis.

SALARY: \$700 per month plus Blue Cross and good vacation benefits.
CONTACT: Gregg Breisford, Supervisor, Emergency Shelter Program, Youth Services Center, 1901 E. 24th Ave., Anchorage, Alaska 99504.
Phone 907-279-9544.
APPLICATION DEADLINE: August 20, 1974

WANTED

The Tanana Chiefs Boarding Home Program is now accepting applications for homes for the 1974-75 school year.

Anyone sincerely interested in accepting a rural high school student into the family for the school term please phone 452-1746 or come into the office at 102 Lacey.

HELP WANTED

Male/female LAND SPECIALIST. Applications will be accepted until July 22, 1974, for professional-level position on land staff. Applicants should be experienced in land descriptions, public land records, principles of land and resource management. Compensation comparable to positions elsewhere of similar responsibility and experience. Fringe benefits. Doyon, Ltd., 527 Third Ave., Fairbanks; 452-4755.

HELP WANTED

The Tanana Chiefs Conference is now accepting applications for the position of Field Supervisor/Trainer for the Community Health Aide Services of the Tanana Service Unit. Knowledge of Interior Alaska and its people will be essential for the position in order that communication of health care practices and supervision of health aides can be more effective. A R.N. is required. Administrative work experience helpful. Salary will depend on experience. Job duties, which will require frequent travel to 20 interior villages, include, but are not limited to training and coordinating activities of the Village Health Aides.
Send application and/or resume to:

Claude Demientieff
Tanana Chiefs Health Authority
102 Lacey Street
Fairbanks, Alaska 99701
Deadline for submitting applications is July 12, 1974.

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