DISTANCE RUNNER HERE – Premier American distance runner Doris Brown Heritage, fourth from left, was a featured participant in Western’s Women United Celebration on March 8. Heritage, who holds several cross country records and represented the United States in the 1976 Olympic games in Montreal, was a featured speaker and led a 6.8-mile run from the campus.
Fairhaven program announced

A new program to strengthen Fairhaven College has been announced by University President Paul J. Olscamp. Fairhaven, which opened in the fall of 1968, has been under intense study because of declining enrollments and increasing expenses involved in running the college's academic and self-study programs.

Included in the college's programs are the nationally recognized Bridge Project, designed for students 55 years or older who want to experience or redirect their education in a college environment, and the Seattle-based Center for Urban Studies, which serves out-of-school urban adults.

Olscamp accepted a series of recommendations submitted by a faculty committee to James L. Talbot, vice president for academic affairs.

"It is my sincere hope that implementation of these recommendations will result in a strengthened and vital program which will again attract a large number of students," Western's president said.

Basically, Fairhaven has about 255 students, exclusive of the more than 100 at the Center for Urban Studies. The center has been administratively tied to Fairhaven.

The college has been given a series of timetables to strengthen academic programs and force closer ties with Western's main campus.

Among the recommendations:

- Establishment of internal management procedures by the spring of 1980 to bring the cost of instruction at Fairhaven to the average cost of instruction for Western students.
- Development of a 45-credit hour core curriculum to be required of all Fairhaven students, who also must meet tighter requirements for independent study projects and workshops.
- Arrangements to permit Fairhaven faculty to refresh themselves in their disciplines by spending every fourth year with an appropriate academic department at Western.
- Increased communication with Western's main campus through representation on a five-member advisory board, which would include one Fairhaven representative.
- Reallocation of residential and other space at Fairhaven, which never realized its aim to become a residential community of 500 students.
- Publication of Fairhaven courses in Western's general catalog, improved internal controls and strengthened advisory and recruitment programs for new and prospective students.
- The Center for Urban Studies will report to Western's vice provost and the University will assume responsibility for its curriculum.

"The actions are designed to strengthen Fairhaven College and to make it more attractive to a wider group of students," Talbot noted. "There may have been problems at Fairhaven, but they have been identified and, with good will on everyone's part, the college can become a stronger place for the self-motivated student."

Olscamp thanked the faculty committee for its three-month task for fact-finding, aimed at helping keep Fairhaven's distinctiveness while meeting the needs of today's students.

"Fairhaven College will continue to be a place where individualized learning and enhanced student participation in the design of course substance will be possible. Furthermore," he added, "that special student with unusual motivation and capacity for self-direction will still find a home there."

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SPECIAL EFFECTS EXPERT - Attention to details is the name of the game for Linwood G. Dunn, award-winning special effects expert who revealed his techniques before some 500 persons in Western's Main Auditorium. Dunn, president of the American Society of Cinematographers, produced the natural and man-made effects for movies such as "Mad, Mad, Mad, Mad World," "King Kong," "Hawaii," "West Side Story" and dozens of other film and television productions. His appearance was sponsored by Western Foundation, Inc., and Bellingham-based Society for Photo-Optical Instrumentation Engineers.

— Photo by David Porter.
Prominent personalities sought for A & L series

Bringing nationally and internationally recognized performers, speakers and experts to Bellingham is the charge of the recently established Artists and Lectures Committee at Western.

The committee's efforts have already resulted in appearances by the Canadian Brass, Feb. 6, and New York Times editor and columnist Tom Wicker, Feb. 22.

Scheduled for spring quarter are Seattle Repertory Theatre performances of Shakespeare's Much Ado About Nothing, April 17-18; the Philadelphia String Quartet, May 19, and "Morca—Flamenco in Concert," June 2.

Those appearances are the result of negotiations with more than 20 artists and lecturers. They include anthropologist Richard Leakey, author and feminist Betty Friedan, former Secretary of Health, Education and Welfare John Gardner, former Premier of Israel Golda Meir, former President Gerald Ford and Canadian Premier Pierre Trudeau.

Last fall, the committee received an initial $5,000 from Western's office of Vice President for Academic Affairs and another $2,500 from the Associated Students board of directors to get the series under way.

Noted speakers and artists are usually booked at least a year in advance and with high fees. Attempts are being made to set up a cooperative venture with Simon Fraser University, University of British Columbia, University of Washington and Western to reduce costs.

Suggestions for events and speakers are being sought by the committee and should be directed to committee chairman, W. A. Gregory, dean of Fine and Performing Arts.

Norman Bright Road Run set May 6

The Associated Students and the Alumni Association extend an invitation to all alumni, students, faculty, staff and anyone else interested to sign up for the first Norman Bright Road Run on Saturday, May 6.

The race will honor Norman Bright, class of '22, who has had one of the most distinguished running careers in the United States. Failing vision has forced Norm's premature retirement from competitive running at age 67. It is the intent of the Associated Students and the Alumni Board that his illustrious career receive appropriate recognition.

The run will have a 5-mile and a 7.5-mile component. Runners will be grouped by sex into three age groups—12 and under, 13 to 30, and over 30. All those who finish will receive t-shirts. Winners of the various divisions will receive additional awards. Entry fee is $2 and should be sent to the Norm Bright Road Run, Viking Union 227, Western Washington University, Bellingham, Washington 98225, before May 1.
Put together a computer, a camera and two students and what do you get? Two students and a picture of a computer? Well, not exactly.

What Paul Rother and Rick Brown came up with using those ingredients is a one and one-half minute animated film used each week as the introduction to the Fairhaven College Film Series at Western Washington University.

With little more than curiosity as a motive, the two Fairhaven College students began this spare time activity in 1975, using paper and an 8-mm camera to produce what they now consider a crude version of their latest product.

"At first we used an older computer to draw pictures of regular solids in different positions and states on a piece of paper," explained Rother, who hails from Washington, D.C. "On each piece of paper we rotated the position of the objects slightly.

"Then we took a camera and started shooting, two frames at a time, moving the drawings underneath," he said.

What they ended up with was a movie of the solid forms changing positions and a whole lot of paper.

This year, Brown, a Yellow Springs, Ohio, native, and Rother began experimenting with an Interdata 70 Mini Computer housed at Western's Huxley College of Environmental Studies.

"We wanted to eliminate the paper step in our film production process," Brown said. "The Interdata 70 is equipped with a Textronics 4010 screen and when programmed properly allows its users to draw continuous lines on the screen."

Rother, who has taken one course in computer programming at Western, set up programs to duplicate their earlier paper drawings, only this time the images were filmed directly off the screen.

Focusing a Bolex 16-mm camera on the screen, the two ran through the various programs, with each frame taking anywhere from one minute to just a few seconds to film, depending on the complexity of the program process.

Their latest effort took 22 hours to film, and when run as the introduction or leader of the Fairhaven Film series, it is 100 seconds long.

Moviegoers are first introduced to what looks like a dot on the projection screen. The dot grows into a line, then two lines, evolves into two spheres which rotate and then separate vertically and transform mathematically into another three-dimensional object, a pair of tori.

The projected images then shrink into spirals, a circle, the shape of a continent, then all the continents, the world, and finally into the words "Fairhaven Film Series Presents...”

Though the majority of the film series spectators aren’t aware of how the film was produced, one person who is said he’s “quite impressed” by it.

“Rother and Brown’s film shows what can happen when you put a computer out specifically for student use,” said Mel Davidson, director of the University’s computer center. He added that the two students completed their project without any help from computer center staff or faculty.

“That’s why we installed the terminal,” he said. “It enables students to experiment with their own projects and needs and this is a good example of the possible results.”

Brown and Rother said their use of a computer to make films is not necessarily new. Similar efforts have been made in educational films, such as in the mathematics field. The lead-in to a Seattle television station’s evening news uses a similar technique.

Shortly after completing their second film, Rother traveled to Los Angeles with a copy of his work. He is now working for the computer animation division of Robert Abel Films in Hollywood.

SIGN CONTRACT FOR GRANT — Smiles cement a contract signing ceremony featuring J. C. Gordon Brown, Canadian consul general at Seattle (left), and Western President Paul J. Olscamp in the Wilson Library. Western’s Center for Canadian and Canadian-American Studies received a $30,000 grant from the Canadian government to develop a Canadian curriculum for Washington high school students. Western is only the fourth U.S. university to be selected for funding for a Canadian Curriculum program.
Bridge offers third summer session

The Bridge, Western's program for older learners, will be offering its third summer session this year, Program Director Doug Rich has announced. The summer program, which merges a vacation atmosphere with some learning opportunities, is open to anybody 55 years or older.

In announcing this year's plan, Rich commented, "We learned a great deal during the past two summers about why people attended. This year we have not scheduled events as tightly. We have retained the option of travel in conjunction with the subjects being studied."

Three classes have been developed especially for the Bridge summer. One, Washington Hot Spots, will be taught by Fairhaven College faculty member Bob Keller and will study current environmental-political issues in the state. The course will involve considerable travel, and credit is available.

Rich will teach a course on History and Religions of Egypt. During the latter part of the class, students will have the opportunity to view artifacts recovered from the Tomb of King Tutankhamen, which will be on display in Seattle this summer. Credit is available.

Western's Summer Stock Theatre program will be the basis of an informal course which Rich will also lead. The non-credit offering will involve attending the nine shows and subsequent discussion of each.

For persons not wishing credit, there is no tuition. A $25 registration fee is the only cost for one or both classes. If credit is desired, regular summer school tuition is charged ($20 per credit hour).

Full details are available from Doug Rich, Director, Fairhaven College Bridge Project, Bellingham, Washington 98225.

Fun + games = math

If your youngster's favorite class in school is mathematics, it could be because of Dr. Jeanne Gamlen.

An associate professor at Western, Gamlen has spent the last 10 years developing methods and materials designed to make math more interesting for both elementary school teachers and their students.

One result of her work is Western's math lab where, over the years, hundreds of teachers and education students have come to learn her concepts. One large room in Bond Hall houses the math lab where hundreds of games, puzzles and colorful objects are used to present mathematical concepts.

The lab, staffed by technician Patty Mitchell, is open daily and two evenings a week to make it as accessible as possible to students and working teachers. It is also used by other departmental faculty engaged in teacher training.

Gamlen believes many youngsters do poorly in math because of fears passed on by parents and even teachers.

"When that fear of math is transmitted, kids develop negative feelings about their ability to handle mathematics. I work at developing methods and techniques that allay those fears. In fact, sometimes with these methods students don't always realize they're doing math."

Much of the success of Gamlen's math lab comes from teachers' abilities to create materials for use in their own classrooms out of all kinds of everyday items. Pipe cleaners and plastic bread-bag closures become an abacus; bottles, boxes, beads and beans are converted into games and puzzles, each designed to capture a child's interest while presenting another mathematical concept.

Varying numbers of beans glued to tongue depressors help teach addition in a trading game. Fractions are learned while playing Bingo. Geometric concepts are illustrated with rubber bands stretched into shapes around nails in a pegboard.

This recycling of apparently useless objects is all part of encouraging teachers to develop imaginative approaches to the teaching of math, Gamlen explained.

For prospective teachers she emphasized the importance of minimizing students' fears of failing and maximizing their freedom to learn.

"Children need abundant opportunities to 'mess around' with a variety of materials," she said. "In many cases these inexpensive teacher-made or, better yet, pupil-made materials will do the job quite nicely."

To an adult whose own math lessons were painful and tedious, Gamlen's fun and games approach to learning is pleasantly startling. She is convinced children learn best when they are able to perceive themselves as able to succeed.

"Children need each learning experience to be a successful experience," Gamlen said. "If they have repeated failures, they develop cumulative 'I can't' feelings which strongly affect their performances."

A graduate of Linfield College in Oregon, Gamlen continued her education via a National Science Foundation scholarship and took her doctorate at Washington State University. Though she received a degree in number theory, her concerns about teacher attitudes at the elementary level led her into the teacher-training field and the eventual development of Western's math lab.

Gamlen's activities are not confined only to Washington. She authored a textbook for teachers which features 175 original mathematics games and puzzle ideas. Gamlen also conducts workshops and in-service training sessions for math teachers in Hawaii and states across the country.

Reiterated Gamlen, "A teacher's imagination is his or her best resource."
King Tut tour

Western's College of Fine and Performing Arts is among the groups which will have special one-hour viewings of the King Tut exhibit in Seattle this summer.

Final selection of the date is still being made. However, given the expected crush of interest in this exhibit, persons who are interested should write to Mr. James Korski, College of Fine and Performing Arts, Western Washington University, Bellingham, Washington 98225.

The price of the special showing will be $7.50 per person.

Cecil Andrus to speak here

Secretary of the Interior Cecil Andrus will be the keynote speaker at "An Alaska Symposium" to be held at Western April 7-9.

Andrus will speak at 2:15 p.m., Friday, April 7, in the Main Auditorium of the Performing Arts Center. He will address the Carter administration's proposal for preserving almost 100 million acres of public land in Alaska.

Following his speech, a panel of developers and conservationists will discuss the Secretary's remarks.

In a recent visit to Seattle, Andrus referred to Alaska legislation now before Congress as "the number one environmental priority" of Carter's administration.

"A Balance has to be struck in Alaska, or our children and grandchildren will someday have to clean up the mess," the former governor of Idaho said.

Workshops, speakers, movies and panel discussions are planned for Saturday and Sunday, April 8 and 9. Topics include legislation in Congress, Alaska's wildlife, native subsistence lifestyles, natural resources, the Alaska Ferry issue and the economic importance of Alaska to Washington State.

Program participants include Pam Rich, coordinator of the Alaska Coalition, and Eben Hopson, mayor of the North Slope Borough.

"An Alaska Symposium" is sponsored by Western's Associated Students Outdoor Program. Admission is free and open to the general public. A tentative agenda and pre-registration form are available by writing The Year of Alaska, Viking Union 305, Western Washington University, Bellingham, Washington 98225, or by calling (206) 676-3112.

ALL ABOUT SPORTS

By PAUL MADISON
WWU SPORTS INFORMATION DIRECTOR

Men's Basketball

Western Washington University men's basketball coach Chuck Randall had only one regret concerning the 1977-78 season: that it ended.

"Every player gave all he had," said Randall. "It was fun to coach this team because they worked so hard and were such great people. I've never enjoyed a season more.

"If I could have it to do all over again and I knew in advance that everything would go exactly the same, I'd do it."

The Vikings finished with a 17-11 record, reaching the semi-final round of the NAIA District I playoffs before losing to eventual champion Central Washington University 79-69. They defeated Simon Fraser University 78-70 in opening round action.

After getting off to a 9-2 start, Western dropped seven of its next nine games before closing with a 6-2 burst.

Highlighting the Vikings' season were wins over California State University/Sacramento 75-70, Central Washington 67-64, University of Puget Sound 64-61 and Eastern Washington University 76-54.

Western tied for third place in the Evergreen Conference with an 8-4 mark.

What made each of the above accomplishments even more outstanding was the fact that only one member of the Vikings starting five measured over 6-2 in height. This earned the team the nickname "Randall's Runts."

Guard Kevin Bryant (So., Portland/Sunset), who was the only non-senior named to the All-Evco team, led Western in scoring (385 points, 13.8 avg.), free throw shooting (.824, 75 of 91) and steals (96).

His backcourt partner, Scott Smith (So., West Linn, Ore.), was the leader in assists (89) and field goal accuracy (.490, 77 of 157).

Center Mark Clay (Jr., Hoquiam) set the pace in rebounds (215, 7.7 avg.) and blocked shots (30), while being the runnerup in scoring (343 points, 12.3 avg.). He was a second-team all-league pick.

Forward Monte Birkle (Sr., Anacortes), who missed seven games at mid-season due to a severely sprained ankle, was third in scoring (253 points, 12.6 avg.). He is the only player graduating from this year's squad.

Women's Basketball

Western's women's basketball team finished with a 16-13 record, placing fifth at the AIAW Region IX Tournament, which it hosted.

It was the most losses ever for a Lynda Goodrich-coached Viking team, although she kept her streak of consecutive winning seasons going at seven.

Forward Jo Metzger (Fr., Everett) led the Vikings in scoring (479 points, 16.5 avg.), being named to the All-Northwest Women's Basketball League team. She set a school record in free throw shooting (.750, 69 of 92).

Establishing another Western standard was center Jan Johnston (So., Bellingham/Sehome) in field goal accuracy (.540, 108 of 200).

Together the pair helped the Vikings set two team marks in field goal and free throw shooting with percentages of .423 (762 of 1,801) and .622 (346 of 556), respectively.

Forward Keri Worley (Jr., Stanwood) was the club leader in rebounds (288, 9.9 avg.).

Wrestling

Western's wrestling team finished with a 7-9 dual meet mark, its best finish in six years.

First-year Coach Harry Smith's squad was led by 118-pounder Hiromi Nara (Sr., Seattle/Glacier), who had a 21-4 record. He won three matches at the NAIA national meet before being eliminated.

Other national participants were 142-pounder Rick Geyen (Jr., Bellevue/Sammamish) and 177-pounder Dan Gilley (Sr., Bellevue/Sammamish), who had 13-16 and 6-6 records respectively.

Another top performer for the Vikings was 167-pounder Larry Nelson (Jr., Olalla/South Kitsap), who had a 14-9 mark.

IN MEMORIAM

'45 MARTHA RANK, April 19, in Seattle.

'55 MARTHA RANK, April 19, in Seattle.

'73 Lt. j.g. MARK SEARING, in the crash of a reconnaissance plane in the sea off Wake Island.
Art colleague remembers Peck

The following piece was written by Lone Foss, associate professor in the Department of Art at Western, in memory of Professor Emeritus Miriam Peck, who died last February 14.

Miriam Peck, associate professor emeritus of the Art Department, was born on November 24, 1900, at New Westminster, British Columbia.

Miriam was the eldest of six children. She remembered with great satisfaction her growing years and her responsibility in helping care for her young brothers and sisters. Her father was a government surveyor, and it was her particular joy to accompany him on his travels into the hinterland. These adventures developed her love of the Northwest and her loyalty to her Canadian background.

Miriam began her teaching career at the age of 19 in the elementary schools of British Columbia, having just one year of preparation at the Provincial Normal School at Vancouver. She loved to recount her experiences in teaching in the rural areas of the northern parts of the province. During these years, following the custom of the times, a part of her salary was used to help support her brothers and sisters. She continued teaching in the elementary schools of British Columbia until 1936. During this period she attended Vancouver Art School for one year. After gaining her bachelor's degree in art at the University of Washington in 1936, she spent seven years as an art specialist in the secondary schools of Vancouver.

Miriam gained her master of art in art education and her master of fine arts at the University of Washington in 1943. Her honors included graduation Magna Cum Laude and membership in Phi Beta Kappa and Lambda Rho. Throughout her life she cherished the associations and friendships she experienced at the University of Washington.

As an artist, Miriam was steadily productive. During her Vancouver years her paintings were shown annually and by invitation in the British Columbia Artists’ Exhibition and the British Columbia Society of Artists. She was recognized by the Canadian Society of Painters in Water Color, and her paintings were exhibited in national shows in Canada and New York. In 1945 she had a one-man show of water colors at the Vancouver Art Gallery.

From 1943 through 1946, she was a lecturer in design at the University of Manitoba in Winnipeg. She came to Western Washington College of Education in 1946. During her early years at Western, she went on leave to attend Cranbrook Academy of Art, specializing in weaving and rug design. Following this period, Miriam exhibited textiles regularly, winning awards in Seattle and San Francisco. Her work placed fifth in a national show of 1,200 entries in Detroit. She was a member of the American Craftsmen’s Council and of the Northwest Designer Craftsmen.

She was promoted to associate professor in 1958 and was awarded sabbatical leave in 1963. She spent her sabbatical photographing historic and contemporary crafts in England, France, Italy, Greece and Scandinavia.

Miriam survived many changes of administration and professional association in her 20 years' tenure at Western. She did not possess a complaisant nature and retreated from disturbing events to the satisfactions of her contact with students and the joy of developing her beautiful garden.

Miriam retired in 1968. During her retirement, her continued pleasure in the beauties of the Northwest led her to photographing the wild flowers of her area during her daily walks. She worked in her large weaving studio and continued to develop her beautiful yard. She was an avid reader of English and American history.

On February 14, 1978, Miriam lay down for her afternoon rest. She was found by her neighbors, having apparently suffered a stroke while asleep.

Miriam Peck’s friends knew her as a woman of intelligence and charm. Her students remember her with respect and loyalty.
TEACHING AWARDS
(Continued from page 7,)

process—Rhonda Richards; Dean—selected on a rotating basis—Dean Robert Collier; last year's recipient—Robert Patton.

Each committee will elect its own chairperson who will, upon completion of the committee's work, forward the name of the winner to the President for the award presentation.

Determining excellence in teaching is admittedly a subjective process. The following criteria and policies are meant to secure comprehensive evaluation and maintain good will in the process:

1. No person shall receive one of these awards more than once.

2. Only the name of the winner for each award will be announced on completion of the process and the name of any other candidate shall not be published at any time during or after the process.

3. Tenure is not a requirement, but the candidate must be a full-time member of the faculty. Visiting faculty are not eligible.

4. Nominees will be asked if they wish to be candidates and, if so, required to submit materials for the committee.

5. The award is a teaching award, not a research award, materials sought and submitted should speak to teaching.

6. To secure consistency in evaluative process: (a) Any time during the selective process the candidate must be willing to have a class evaluation, the class to be the candidate's choice, and administered, though not necessarily devised, by the Testing Center. Whatever evaluation devices are employed the same shall be administered for all candidates, to be reviewed by the committee. (b) The candidate should submit previous class evaluations from the past five years. (c) The candidate may submit names of faculty, former students, and present students for recommendations. (d) The selection committee will contact each department (or other unit) member and may request of the department chairman the names of faculty, students or other members of the academic community who could speak to the candidates' teaching effectiveness. (e) If the committee and candidate so agree, a class visitation and/or interview may be conducted.

7. Each committee may devise additional or alternate criteria or process provided it announces such addition or alternation prior to its call for nominations.

The committees will evaluate material secured through all processes noted above and make their selections according to their best judgments.

Nominations are solicited from alumni, students or faculty members, by completing the attached nominating ballot. Letters of evaluation or recommendation may be attached to the ballot.

The committees will review all candidates after securing supporting materials from nominators and candidates.

Faculty nominees of the cluster colleges should be sent to Dr. Robert Collier, Dean, College of Business and Economics, Atnzten Hall 514, WWU.

Faculty nominees of the College of Arts and Sciences should be sent to Dr. James Davis, Dean, College of Arts and Sciences, Old Main 400, WWU.

All nominating ballots shall be received by April 14, 1978.

NOMINATING BALLOT

FACULTY EXCELLENCE IN TEACHING AWARDS, 1977-78

Name of Faculty Nominee for Teaching Award _______________________________________

Name of Nominator ________________________________________________________________

Address of Nominator ____________________________

(street) (city) (state) (zip)

Signature of Nominator ____________________________

As nominator, please indicate if you are an enrolled student □, alumni □ or faculty member □.

Letter of recommendation or evaluation may be attached to this ballot.

ALUMNI ASSOCIATION
WESTERN WASHINGTON UNIVERSITY
BELLINGHAM, WASHINGTON 98225

Western Washington University
Vol. 9 No. 6

Published monthly and entered as second-class matter at the post office in Bellingham, Washington, by the Alumni Association of Western Washington University, 516 High Street, Bellingham, Washington 98225.