

State Board approves \$25.6 million for BSU operations

The State Board of Education took its first step down the long road toward the fiscal 1983 budget earlier this month when it recommended \$87.1 million for Idaho's college and universities.

That figure includes money to maintain operations at their current level, increases for "salary equity," and \$4 million for improvements in existing programs.

Of the total, Boise State got approval for a \$25.6 million budget for maintenance of current operations. That is a 16 percent increase over the current \$22 million. State appropriations will account for \$22.4 million of the proposed Fiscal 1983 budget. The rest will come from student fees.

The Board budget, however, still has two large hurdles to clear before it is approved. First, it must go to the Governor's office and then on to the legislature for final action.

The \$25.6 million that the Board recommended for Boise State includes a 13 percent inflation increase for operating expenses, a 14 percent salary increase for faculty and staff, and one percent for merit increases.

BSU president John Keiser also asked for an additional \$2.5 million above maintenance of current operations to fund a variety of needs, including 12 new faculty positions, preventative maintenance, more library holdings, classroom equipment and support staff. Those items are needed, he said, to keep the quality of the university high.

Also in the "above maintenance of operations" category is \$718,000 to bring BSU faculty salaries more in line with those in surrounding states. It is unlikely that BSU will get the full \$2.5 million it requested, however, because the Board agreed to ask the legislature for \$6.4 million to fund requests above maintenance of current operations. The amount requested by Idaho's college and universities was \$9.5 million.

The State Board also turned down all requests for new programs, including \$92,500 that BSU wanted to fund the School of Public Affairs and new degrees in health records and philosophy.

To buttress his case for the increased BSU budget, Keiser said the school's greatest problem is serving a "dramatically expanding enrollment with a budget base that has been held well below the rate of inflation and reallocated to practical limits."

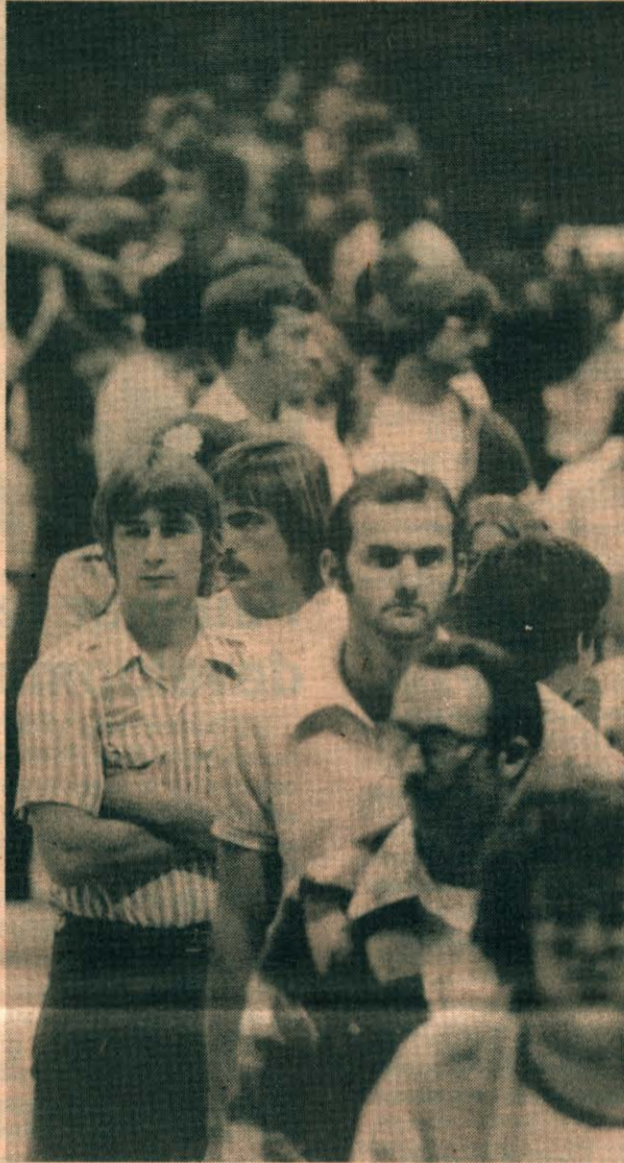
Both BSU and the State Board put heavy emphasis on the "salary equity" requests. That money will be used to bring faculty salaries to competitive levels with surrounding states.

The Board will ask the legislature for a 15 percent salary increase (14 percent plus one percent merit) for faculty and staff. That amount is built into the maintenance of current operations budget. In addition, BSU asked for \$718,000 above MCO to be devoted to salary equity.

"The most critical problem facing higher education in the 1980's is that of recruiting and keeping high quality instructors," Keiser said, citing from several letters written by BSU professors who have resigned to take better paying jobs elsewhere.

Keiser said the new budget will still leave BSU with a thin operating margin. The \$2.5 million request above maintenance of current operations is important, he said.

"It is critical that with the reduction the Board made in the requests above MCO amount that the remainder be accepted and funded by the governor and legislature," he said.



BSU is ready to enroll its 1981 class, which could set an enrollment record.

BSU campus houses face phase-out

The houses that Boise State uses for office and classroom space should be phased out and five other major buildings should be renovated by the end of the decade, according to a study by the Idaho Division of Public Works.

The report was released by Ken Hall, formerly the administrator for that department and now director of the physical plant at the University of Idaho.

The report surveyed 71 buildings on Idaho college and university campuses, including 25 at Boise State. Defects were found in all of them.

The Administration, Health Science, and Maintenance buildings need minor repairs of less than \$50,000, the survey noted.

The Ad Building, built in 1940, needs "immediate" modifications to bring it up to life safety standards, the report said.

The maintenance and health buildings were judged structurally sound and should be maintained for long term use.

"Through a good maintenance program these buildings will serve the campus well for many years," Hall said in the report.

But that wasn't the case for the houses that are scattered throughout the neighborhoods around BSU. Purchased piecemeal as part of the school's land acquisition program, the houses provide space for the campus radio station, Visitor's Center, and academic departments.

The report recommended that houses for the child care center, KBSU, developmental writing, music, and

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Registration figures show BSU increase

If early registration figures are an indication, Boise State University could be on its way to another large fall enrollment, school officials say.

"Chances are, we will equal or surpass our 1980 fall enrollment," commented Dr. David Taylor, Vice-President for Student Affairs.

While the magic number won't be known until registration ends Sept. 11, hints of the heavy demand came when pre-registration sessions in April and June were 31 percent ahead of last year. In two sessions 7,200 students signed up for fall classes.

Of those, 5,783 have paid their fees and are now officially registered. That figure is the highest in the school's history, said Taylor.

In addition, 5,402 new undergraduate students have been admitted to the university as of Aug. 19. That is an 8.6 percent increase over last year.

Taylor added that it doesn't appear that the pre-registration confusion in July has seriously hurt BSU's enrollment. Because of an error, several hundred students who pre-registered in June were denied access to classes that in reality still had space.

The mistake was corrected less than a week after it was discovered, and about 1,000 more students were sent complete course schedules.

BSU officials were concerned that the confusion may have caused students to drop their reserved classes, but Taylor said the percentage of students who paid their registration fees was the same as last year and applications continue to come in.

"The demand is still present," he said.

Still unknown is the effect of the new fee hike on enrollment. Part-time enrollment especially could change because a three-credit course now costs \$25-30 more. How that might affect the enrollment picture is "hard to tell right now," said Taylor.

The fact that BSU classes are in high demand has not been lost on BSU administrators who have spent a good share of the summer planning ways to accommodate the students.

School deans have opened several new course sections to handle the expected increase.

Dr. Richard Bullington, executive vice-president, said 51 new sections have been added in English, mathematics, communications and other high demand areas. Most will be taught by full-time BSU faculty who will add the courses to their regular teaching schedules.

"We are doing everything we can to satisfy the rising demand for classes. We won't be able to meet all of our students' needs, but we hope these new sections will help," said Bullington.

Board sets building at \$7.7 million

The State Board of Education approved a total of \$7.7 million in building projects for the state's colleges and universities at its August meeting.

That request will be spared by the Permanent Building Fund Council, which has only about \$7 million to spend for all state agency building needs. The council's list will go to the legislature and governor for final approval.

For the last two years the council has allotted BSU \$2.5 million for construction of the Morrison Center.

Of the \$7.7 million, BSU was recommended to receive \$830,000 to renovate the gymnasium, develop a campus master plan, and acquire land.

Keiser told the State Board that the gym should be used more for classroom and office space when the new

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CAMPUS NEWS

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Editor/Larry Burke
 Writers/Jocelyn Fannin, Larry Gardner, Martha Paterson, Eve Brassey Chandler
 Photos & graphics/Chuck Scheer
 Student assistants/Patty Bagley, Mahlon Gillis, Mike Zuzel
 Alumni news/Dyke Nally
 Sports news/Dave Mendiola, Darlene Bailey
 Typesetting/Carole Moore
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BSU forms association

A BSU-Community Health Sciences Association has been formed to promote area health services and educational development.

The cooperative effort of the BSU School of Health Sciences and individuals, corporations and agencies will further the growth and development of the school and other area health services.

The non-profit corporation will encourage excellence in the BSU health professions programs.

In addition, it will conduct campaigns and will accept and invest contributions to BSU for enrichment and promotion of area health care through Boise State programs.

"This is an important phase in university development of health sciences education," said Dr. Victor H. Duke, Health Sciences dean at BSU. "We have had an increasing need for support and guidance from practicing health professionals and other community leaders as the trend in recent years has been to move health education out of the hospitals and into the university health sciences departments.

The association will phase out the School of Health Sciences Advisory Council which has advised BSU administrators on health sciences programs since 1973.

The association board of directors will be led in its first year by president Leonard O. Thompson, former president of Blue Cross of Idaho Health Services; physician M. M. Burkholder, vice president; dentist Donald L. Pape, secretary; and community worker Bernice B. Comstock, secretary.

Other members are gynecologist-obstetrician, David M. Barton; Robert Bolinder, vice chairman and chief financial officer for Albertson's; BSU executive vice-president, Richard E. Bullington;

Dr. Victor H. Duke, dean of the BSU School of Health Sciences; William K. Dunkley, president of Dunkley Music; Abram B. Ellis, owner of Mountain States Paint Manufacturing Co.; John R. Frobenius, administrator for St. Luke's Regional Medical Center; James A. Goff, administrator for the Veterans Administration Medical Center;

BSU president John H. Keiser; Lawrence H. Kissler, president and owner of NORCO; Edith Miller Klein, Idaho senator and attorney with Langroise, Sullivan, and Smylie; Blake Morgan, personnel director for Idaho Public Health Districts; family practice physician Clayton C. Morgan;

Sister Beverly Ann Nelson, administrator of St. Alphonsus Hospital; Mary Nelson, director of nursing services for the Central District Health Department; family practice physician John W. Swartley; Eugene C. Thomas, partner in Moffatt, Thomas, Barrett, and Blanton Chartered; Nampa urologist Wilbur E. Watkins and Lyman D. Wilbur, consultant for International Engineering Co., Inc.



Jim Faucher

Faucher leads development

Jim Faucher, after a year's absence, has returned to the University as the new director of development. He will coordinate the fund-raising activities and serve as executive director of the BSU Foundation.

"The need for the private sector's support and financial help is more and more critical," said Faucher. "We have a very young and dynamic alumni group who can offer the support we need."

Faucher will be organizing the Golden Scholarship Program during the University's 50th anniversary, the Annual Fund Drive beginning in November, and the BSU Foundation.

Faucher previously worked at Boise State as the sports information director and executive director of the Bronco Athletic Association. For the past year he has been a life underwriter with Standard Insurance Company in Boise.

He graduated from the University of Idaho in 1966 with a degree in history.

Wade named nursing director

Mildred Wade, formerly director of nursing education at North Idaho College, Coeur d'Alene, has been appointed director of the BSU associate degree nursing program.

Wade, a member of the Idaho State Board of Nursing, has just completed a term as chairman of the Idaho Consortium for Nursing.

Prior to becoming an instructor of nursing at North Idaho in 1971, she taught at Georgetown University, Washington, D.C., and Mercy Hospital, Denver, Colo.

Wade has instructed nursing programs in primary care giving, entry into practice, survey of nursing education, and the revised Idaho Nurse Practice Act. She has served as both a staff and charge nurse, and as clinical specialist in oncology. Her nursing positions have included experience at St. John's Hospital and St. Louis University Hospital System, St. Louis, Mo., St. Joseph's Hospital, the Department of Health and Hospitals, Denver, Colo.

Ahsahta publishes Hispanic poet

Agua Negra, New Mexico poet Leo Romero's poems of Hispanic traditions and culture, will be published by BSU's Ahsahta Press this month.

The book is the latest in the Ahsahta modern and contemporary poetry series, Poets of the West.

Romero, whose works have been placed in an archive of the University of New Mexico special collections department, writes of the relationship of southwestern Hispanic people to their land and legends. His themes are often of the spirits in the land and the dreams of these people.

Romero, a New Mexico native, is a member of the state's arts division literature panel. He studied in Taos under a Wurlitzer Foundation grant, and has taught in the Poetry-in-the-Public Schools program.

He received his bachelor of arts degree from the University of New Mexico, Albuquerque, and is now working on his master's degree at New Mexico State University, Las Cruces.

BSU English professor Orvis Burmaster edited *Agua Negra* which is the third volume in the 1980-81 Ahsahta series of contemporary poets of the West.

Agua Negra and other Ahsahta Press volumes are available at the Boise State University bookstore, 1910 University Drive, Boise, ID 83725, and other area bookstores for \$2.50 per copy.



The Boise State University's Morrison Center construction bids will be opened Sept. 3.

The performing arts center, funded with state and private money, will be built on the south bank of the Boise River between the BSU Towers residence hall and the Science Building. The glass facade will face the river view and a plaza area will be designed for outdoor performances.

The Morrison Center, named for Morrison-Knudson Co. co-founder Harry W. Morrison, will have a 2,000-seat main concert hall, a smaller theater for dramatic productions and a recital hall. It will also contain studios, classrooms and offices for the BSU departments of theatre arts and music.



Jerry Tucker

Outdoor studies leader dies

One of Boise State's most popular faculty members and a nationally known leader in environmental education died July 27.

Jerry Tucker, 43, came to Boise State in 1971 after earning his doctorate at the University of Washington. He was nationally recognized for the development of elementary school curriculum in environmental education. His most noted work in that field was Project Learning Tree, an environmental education program for public schools that is sponsored by the American Forest Institute.

He also worked on environmental education projects for Boise Cascade Corporation, Potlatch Corporation, the Idaho Conservation League, the Idaho State Department of Education, and the U.S. Forest Service.

He served on the advisory committees of the American Forest Institute, Western Association of Fish and Game Agencies, and the U.S. Forest Services. He was a member of the Western Regional Environmental Education Council, the Idaho Academy of Sciences, and the National Science Teachers Association.

During the past year Tucker directed an environmental awareness program for the employees of Cyprus Mines Corporation in Challis.

Tucker also served as a campus leader, being elected twice as chairman of the Faculty Senate between 1977-79. During those years he also served as the chairman of the Idaho Council of Higher Education Faculties.

Tucker graduated from Lewiston High School in 1955 and received his bachelor's and master's degrees from the University of Idaho. He taught science in the Mountain Home schools between 1961-67.

Memorials may be made to the Jerry Tucker Scholarship Fund, in care of the BSU Foundation, 1910 University Drive, Boise, Ida. 83725.

Grant awarded

A grant of \$10,000 from the Robert G. Hemingway Private Foundation has been awarded to Boise State University.

The grant will be endowed for Robert G. Hemingway memorial scholarships at Boise State to students seeking careers in the banking industry.

Hemingway, who died in 1966, served as president of Idaho Bank and Trust and as president of the Utah-

based Commercial Security Bank.

The Robert G. Hemingway Private Foundation is directed by Hemingway's daughter, Susan H. Donahue, together with her husband William T. Donahue, both Langley, Wash.

Golder leads activities

Carole Golder assumed the duties of Assistant Director of Student Activities/Student Organizations at Boise State University on August 3.

Golder previously held a graduate assistantship in campus activities programming at the University of South Carolina.

As a program advisor at the USC Russell House University Union, she advised a variety of student committees and provided leadership and skills workshops for clubs and organizations. Golder also served as program specialist for special interest housing and a resident assistant at the University of Delaware.

She received her Master's Degree in Student Activities Program Management from the University of South Carolina and a Bachelor's Degree in American Studies and Geography from the University of Delaware.

Three offices now centralized

Boise State's new Division of University Relations, which includes News Services, Development, and Alumni Relations, has centralized its offices on the seventh floor of the Education Building.

Before their move in early August the three offices were scattered in separate locations, which made coordination difficult, according to University Relations director Larry Burke.

"With the offices in the same location we will be able to work much more closely together in our presentations to the public," he added.

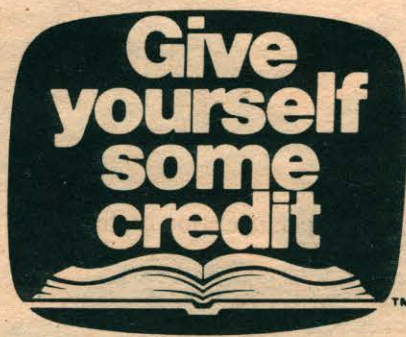
"News Services, Alumni and Development compliment each other . . . this move will improve our fund-raising efforts, public relations, and service to alumni."

Offices previously in the space now used by University Relations included Honors Program director Bill Mech, who has moved to room 408G in the Library, and Graduate Dean Kenneth Hollenbaugh, who has moved to the President's Suite in the Business Building.

The former alumni office in the Student Union Building now serves as the office of Student Body President Tony Lund. The News Services space in the Administration Building will be used by Career and Financial Services director Richard Rapp and Career Placement Coordinator Carol Hines.

John Dahlberg, coordinator of graduate studies for the School of Education, is located in room 723 of the Education Building.

Bulletin Board



TELECOURSES

Boise State University will join with over 500 U.S. colleges and universities this fall in offering Public Broadcasting Service (PBS) adult learning television courses over KAID-TV, Channel Four.

The four telecourses which may be taken for academic credit at BSU this fall are:

—Contemporary Health Issues, a study of the emotions, food safety, genetic counseling, and the rising costs of health care.

—Humanities Through the Arts, an introduction to film, drama, music, literature, painting, sculpture, and architecture.

—The Shakespeare Plays, a series of selected plays, with a critical look at Shakespeare's life and times and the relevance of his writing to modern life.

—COSMOS, Carl Sagan's popular study of relationships between the planet Earth and its inhabitants to the universe.

The pilot PBS telecourses will enable students to view college classes at home. The courses will cost part-time students \$36.50 per credit hour and senior citizens only a total of \$5. Full-time students already registered for 9 or more credit hours at BSU may add one or more telecourses to their schedules at no extra cost.

All courses are worth three credits except COSMOS, which is for two credits.

Information about the TV classes may be obtained from the BSU Admissions Office, Room 101, Administration Building, Telecourse Registration, BSU, 1910 University Drive, Boise, 83725, 385-1177.

Spanish student studies math

The research of a BSU mathematics professor has brought one student half-way around the world to study with him.

Spanish mathematician Montserrat Pons has been studying this summer with mathematics professor Richard Ball.

Pons, who teaches in Barcelona and lives in nearby Manresa, heard of Ball's work on ordered structures, read his papers, and determined to study with him here at BSU this summer.

"He has done important and very interesting work in this field," she said.

A teacher of general mathematics for architecture students at the Universitat Politècnica de Barcelona, Pons is preparing for her Ph.D. thesis in mathematics from the Universitat Central de Barcelona faculty of mathematics. She received a grant from the university for her airfare here.

"This is a beautiful campus," she said of BSU. "Very nice. You have a quiet kind of life here. Barcelona is large and very crowded. We hardly have areas for my children (two daughters, ages seven and two) to play."

CONT. ED COURSES

A Boise State University Continuing Education program with classes at Karcher Mall, Jefferson Junior High School, Caldwell, and Nampa High School opens this month with nine courses scheduled.

Aimed at Treasure Valley residents returning to the job market, the day-time and evening class schedule will include basic courses in life work planning, photography, financial accounting, English composition, assertiveness training, psychology, and business. Consultation skills for teachers and a class in teaching elementary school writing will also be included.

All of the self-supporting classes are offered for BSU credit. Cost for Idaho residents is \$36.50 for each undergraduate credit and \$44 per graduate credit.

Textbooks for the classes are available at B. Dalton, Bookseller, Karcher Mall, or at the Boise State Student Union bookstore.

Classes to be taught at Karcher Mall in the second floor Community Room include:

—Photography for Fun, taught by photographer Earl Brockman, Mondays beginning Aug. 31 from 9-11 a.m., 2 credits.

—Assertiveness Training, psychologist Martin Guy-Seldenfeld, Wednesdays beginning Sept. 2, from 8:45-11:45 a.m., 3 credits.

—Life Work planning, Boise YWCA vocational counselor Wendy Holst, Fridays beginning Sept. 4, from 8:45-11:45 a.m., 3 credits.

—Introduction to Business, Steve Swadley, executive director of the Idaho Public Employees Association, Saturdays beginning Sept. 5, from 8:45-11:45 a.m., 3 credits.

—Consultation Skills for Teachers, BSU School of Education professor Phyllis Schmaljohn Edmundson, Mondays and Wednesdays, beginning Aug. 31 from 4-5:20 p.m., 10 weeks, two credits.

Two classes will meet at Nampa High School, 203 Lake Lowell Ave., Nampa.

Introduction to Financial Accounting will be taught by Steve Woodall, chief of the Idaho Department of Health and Welfare audit office, Mondays beginning Aug. 3 from 7-10 p.m., 3 credits.

General Psychology will be taught by Dr. Dan Fazzini, director of the Idaho State School and Hospital, Nampa, Wednesdays from 7-10 p.m., 3 credits.

Classes at Jefferson Junior High School, 3311 S. 10th Ave., Caldwell, will include English Composition, instructed by English teacher Frances Sollers, Tuesdays, beginning Sept. 1, from 7-10 p.m., 3 credits.

Bette Joy, Elementary Language Arts Consultant for Boise Schools, will teach Writing in the Elementary School using the D'Nealian method, Thursdays from 7-9:30 p.m. for five weeks beginning Sept. 3 at Jefferson.

SCHOLARSHIP

Kevin D. Roberts, senior BSU physical education-sports medicine major, has been awarded a \$500 scholarship from the National Athletic Trainers Association (NATA).

Roberts is the first in the Association's Northwest 10th district to receive the Frank Cramer scholarship, presented by Cramer Chemical Corp., Gardner, Kan.

He received the award at the June NATA National Symposium at Dallas, Tex.

RODEO BULLDOGGER

Jade Robinson, a political science-secondary education major at Boise State, won the bulldogging championship at the National Collegiate Rodeo in Bozeman, Mont. In June. Robinson, Gooding, competed against 38 other cowboys from around the country.

He is the first BSU student to win a national championship.

Robinson and five other BSU rodeo team members competed in the finals. They brought home scholarships worth \$1,900.

In addition to winning the championship, Robinson was elected as one of six national student directors for the National Collegiate Rodeo Association.

ALUMNI



The Annual Alumni Wine Tasting Reception will be held Saturday, Sept. 5, at 5 p.m. at the east end of Ann Morrison Park (University Drive & Capitol Boulevard). The annual pre-game function, BSU vs. Northwestern State-Louisiana, is sponsored by the BSU Alumni Association. Please note the change of location to Ann Morrison Park from the Union Pacific Depot Gardens.

Alumni in Touch

MISCELLANEOUS

Steve Tester has been named the 1981 Boss of the Year by the Nampa Charter Chapter of the American Business Women's Association. Tester is assistant vice president and assistant manager of the Nampa office of First Security Bank of Idaho.

JOBS

John DeWeerd, Jr. has graduated from the University of Nevada-Reno School of Medicine. He received his bachelor's degree in pre-medicine from BSU in 1977.

Futura Corp. has named **Jeff D. Sanders** assistant to the president. Sanders recently earned a master's degree in business administration at BSU.

Bob C. Hall has been named executive director of the Idaho Newspaper Association. He holds an Associate of Arts degree from BJC. Hall was BSU Director of Information Services from 1974 to 1978. He assumed the position of Executive Director on June 15.

Scott J. Beltz, Executive vice-president of Home-Style Industries, Inc., has been elected to the Board of Directors of the Association for Systems Management. Beltz holds bachelor's and master's degrees in business administration from BSU and has also taught data processing courses at BSU.

Donna Henderson ('74) has joined the advertising department of the Idaho County Free Press in Grangeville. She holds a bachelor of arts degree in art education from BSU.

Herrold B. Smith has been promoted to loan officer of Idaho First National Bank's Council office. He has a B.B.A. degree from BSU.

Randy Hilkida has been named the assistant manager of the Idaho First National Bank's Blackfoot office.

Former Payette Chamber of Commerce Manager **Mike Dolton** has begun work as executive director of the Twin Falls Chamber. He is a BSU graduate and also served as regional coordinator for the BSU Alumni Association in the Payette area.

Sue Newkirk, a BSU graduate of the nursing program, has accepted a position with the Rural Health Clinic in Glens Ferry.

Julee Bunderson is employed as Mountain Home's first female patrol officer. Julee earned a degree in criminal justice at BSU.

Pete Stevens ('76) has been named manager of Taco John's in Idaho Falls.

Susan Koehler Kennedy has been promoted to manager of planning services at Intermountain Gas Company. Kennedy is a BSU graduate with bachelor's and master's degrees in economics.

Martell Miller has opened his new insurance brokerage agency, Western States Insurance Services, in Idaho Falls. Miller received his bachelor's degree in accounting from BSU. Miller was also active in the BSU Alumni Association as a member of the Board of Directors.

Garry D. Barnes has been elected vice-president and manager of the economic development department of the First Interstate Bank of Idaho. He holds a bachelor's degree in finance from BSU.

Robert J. Jordan ('76) has been promoted to the rank of first lieutenant in the U.S. Air Force.

Roger R. Norberg ('80) has completed recruit training at the Naval Training Center, San Diego.

Lou Hamill ('78) is the administrator of the Women's Crisis Center, YMCA, Boise. The center shelters victims of violence, battering and rape.

Gregory Wilmoth ('78) graduated in May from the College of Law at Arizona State University, receiving his J.D. degree.

Buck Demotte ('77) has accepted a teaching fellowship at Purdue University to pursue a graduate degree in communication.

John A. Elorriaga, Portland, has been named a commissioner by the Oregon governor. Elorriaga received an associate of arts degree from BJC in 1949.

Stephen C. Johnson ('72) received his Doctor of Osteopathy degree from the University of Health Sciences-College of Osteopathic Medicine in Kansas City.

Harriett J. Flanagan ('76) has been named by Gov. Vic Atiyeh to the Oregon State Board of Higher Education. She is a registered nurse.

Karl E. Wieggers (B.S. Chemistry, '73) and **Ann L. Grinnalds** (B.S. Chemistry, '73) were married on July 16, 1981 in Rochester, N.Y. Karl, who has a Ph.D. in organic chemistry from the University of Illinois ('77), is a research chemist at Eastman Kodak Company in Rochester. Ann is in her final year of study in veterinary medicine at the University of Georgia in Athens. The couple will make their home in Rochester when Ann graduates in June, 1982.

Jim Ziegenfuss ('75) received the local veterans employment representative of the year award during the Disabled American Veterans National Convention in Miami.

Anne Millbrooke has joined the United Technologies Corporation Archive and Historical Resource Center as assistant corporate historian and archivist. She earned a bachelor of arts degree in History from BSU.

Lee Zundel ('75) has been hired by Frontier Airlines as a station agent for Gallup, N.M.

Key Fletcher Estle ('46) has recently retired from 25 years of teaching—one year in Idaho and 24 in Alaska. She and her husband will remain in Alaska.

Douglas Barklow and **Mary (Smith) Barklow** and their two sons have moved to Midvale, Utah, where Doug has accepted a new position with Vermeer Intermountain, a division of Boyd-Martin Co. of Salt Lake City.

Robert N. Turner ('80) has been accepted into the health administration program of Eastern Michigan University. He is also teaching respiratory therapy in Ann Arbor, Mich., as well as working as a respiratory therapist. **Lisa Ray Turner** ('78) has recently been accepted as a student in the voice/opera program at the University of Michigan School of Music and will begin graduate work in September. She is currently singing opera with the Comic Opera Guild in Ann Arbor.

John R. Tomkinson ('71) is currently working for the Idaho Transportation Department. He is also active with the National Guard and has attained the rank of warrant officer. He and his wife and son raise quarter horses and angus cattle on a small farm.

Lawrence "Pat" Pulliam ('73) was elected president of the Southwest Chapter of the Idaho Society of Certified Public Accountants for 1981-82. He is also a partner in the CPA firm of Sielaff & Pulliam, Boise CPA's.

Grady Rawls ('64) has been named Oregon district manager for Pacific Empire Life Insurance Co. of Boise. He and his wife and children reside in Joseph, Ore.

Scott and Trella Lloyd ('73) are now living in Seattle, Wash. Scott is a sales representative for a record distributor and Trella has been recently promoted to stationery buyer for the Bon Marche's 32 stores.

Dennis King ('73) is currently the operations supervisor for the Vancouver, Wash. Social Security Office. He and his wife reside in Vancouver.

Jay Johnson ('77) is principal of the Rorkes Drift Fine Art School, the major institution in South Africa for the development of art among the black population. Besides serving as principal, he is also the librarian, driver, coach, activities director and only teacher!

Navy Lt. **John M. Mason** recently participated in "National Week XXX" in the Mediterranean Sea. He is an officer assigned to Tactical Electronic Warfare Squadron 138, based in Whidbey Island, Wash. He is a 1975 graduate of BSU, with a bachelor of business administration degree. He joined the Navy in 1976.

Debbi Nail ('78) has transferred to Corvallis, Ore. as an accounting and budget analyst with the U.S. Forest Service.

Lola Shelton Brown ('79-English) has been accepted into the MBA program at the University of California at Berkeley. She has spent the last two years as a marketing writer for Morrison-Knudsen in Boise.

Steven B. Cozzens has been named manager of the Boise-area office of U.S. Bancorp Financial inc. Cozzens, who holds an MBA degree from BSU, joined the Bancorp staff after spending five years with a leasing company.

Crystal Shaw played the lead in "Fe and Her Friends" last spring at the Hollywood Actor's Theatre in Hollywood, Calif. She performed as Anita in the BSU musical "West Side Story," and danced with the Barefoot Dance Company while attending BSU.

OBITUARIES

J.B. "Bemie" Holden, 67, died May 6 in a Boise hospital. He was a member of the first class of Boise Junior College and a partner in the Graves-Holden Insurance Agency. Memorials may be made to the Shriners Crippled Children's Hospital or to a favorite charity.

Camilla Rae Holste, 53, Caldwell, died May 21 in Caldwell. She graduated from Boise Junior College in 1949. She had worked for the Caldwell Internal Medicine Association for the past eight years. Memorials may be made to Mountain State Tumor Institute.

Tobias C. "Toby" Pokorney, 32, Oxnard, Calif., formerly of Nampa, died in an accident at his home on May 26. He graduated from BSU with a degree in business machine technology in 1977. In 1980, he moved with his family to Oxnard where he worked for National Cash Register Co. as a field engineer in computer repair and maintenance.

Mabel L. Wellman, 81, died July 8 in a Sandpoint hospital. She attended Boise Junior College and received a nursing degree.

Terry Lee Gentry, 30, of Parma, died July 7 at a Boise hospital of natural causes. He graduated from the Vocational School at BSU in 1977.

Alumni contributors

Member's benefits expand

Two years ago the Boise State Alumni Association began a dues system to provide a more solid financial base to the programs it offers its members. For their dues, alumni receive a package of benefits, including library and pool admission, movie discount tickets, and insurance.

Memberships are available for \$15 annually or \$25 per couple. Those who contribute \$100 or more become members of the Century Club.

The following lists are members who are dues-paying alumni for 1981. The Alumni Association expresses its appreciation for their support.

Century Club

Roger Allen
Terry Archart
Barry Bloom
Bart Brassey
Jim & Connie Brusseau
Leo Compton

Virginia K. Dickman
Allen & Dixie Dykman
Connie & Eugene Ertel
Dr. Robert & Pat Fulwyler
Jim C. Harris
R. Gail Heist

Kenneth L. Johnson
Dwane R. & Deloris Kern
Brad Kirwan
Roger & Barbara Michener
Wayne Mittleider
Tom & Jeanette Moore

Earl A. Rose, Jr.
Mary Sonson
John Thomas
Allan M. Toennis
Joe G. Vollmer

Dues Paying Members

(as of July 31, 1981)

Melvin Adamson
Howard E. Adkins
Craig R. Alexander
Gari L. Allen
Wally Allington
Gene Ami
Terry C. Amos
Ana T. Anacabe
Dee C. Anderson, Jr.
Eric M. Anderson
Marie Anderson
Oral F. Andrews, CLU
Marsha L. Andrews
Howard D. Anthony
Frank M. Arana
Marilyn Aspitarte
S. Hugh Atchley, Jr.
A. LeRoy Atwood
Diane Ayres
Tim Bacharach
Philip D. Balliett
Robert B. Barnes
Bob Beaver
Gary Rulon Beck
Troy Bell
Rebekah A. Belloni
Bud Betebener
Michael R. Bingham
Rhonda Grace Bishop
Rebecca J. Bixler
Steve and Pam Bly
Marilyn Bosckis
Gerald Ray Bowden
James L. Boyd
Lee Boyd
Etha Pefley Bradford
Max G. Branscomb
Robert Briggs
William W. Briggs
Mary Ann Brother
Alan W. Brown
Lois L. Brown
Lonnie M. Brown
R. Alan Brown
Jack M. Brozovich
Billie R. Brush
Cheryl A. Brush
Connie Jean Bunch
Jean Burkhart
Joan K. Burmester
Ann R. Burr
Fred Burt
Kathryn E. Capps
Beth H. Carpenter
Marvin B. Centers
Mark Wm. Clegg
Becky A. Compton
Glenn M. Compton
Patricia A. Comstock
Carolyn I. Conner
Daren R. Coon
Gene Cooper
Thomas P. Cooper
Kathleen Hudson Coulter
Carol Covington-Hackney

David P. Cox
James D. Crawford
Elizabeth Crofts
Janet E. Crossman
Irene Culver
Anita Laree Curt
June Newman Davies
Paul B. DeLong
Mary F. Dechant
Pat Deja
Kenneth C. Deleo
Pamela Denney
Bryce Lee Denning
Margaret Denton
Ken Dick
James M. Dickey
Eileen N. Donnelly
Royce I. Dougherty
Linda J. Dutton
Robert H. Earl
Margaret F. Ebbers
Richard E. Eby
Ted M. Echols
Jeffrey W. Edgemon
Eleanor J. Edwards
Pat Edwards
Robert C. Elkins
Kathy A. Ewert
Sallie A. Ewing
Stephen Farden
Neal E. Fausset
Terry M. Fleskes
Carol E. Frazier
James R. Freeman
Marlene E. Gahley
Jody Gambles
Brad Gardner
Nathan H. Gellert
Robert H. Getzin
Martha I. Gibbons
James Glendinning
Richard L. Glover
Thomas L. Goerke
Blas Louis Gonzales
Frank J. Greene
Wm. R. Gregersen
John W. Grow, Jr.
Mike A. Guerry
John O. Hackenberg
Teresa L. Hall
David W. Halter
Mary Lou Hamill
Linda Hammond
Merry J. Hansen
Kent M. Harris
Robert Harshman
Robert D. Hartley
Ed Hedges
Marvin L. Hill
Mary Ruth Hobson
Thomas H. Hogg
Ernest A. Hoidal
Jack Hoke
Nancy J. Hood
Janette K. Hopper

Wanda L. Horton
Robert W. Hubler
Lee Edwin Huey
Terry A. Hutt
James F. Jeffries
Wendell R. Jeffries
Susan G. Jenkins
Michael A. Johnson
Maxine Johnston
Ivan W. Jones
Rodney L. Jones
Virginia H. Jones
John Jorgenson
Bette R. Joy
James G. Judkins
Stephen C. Jung
Stella A. Katula
John Kauinana
Inez L. Keen
Phyllis Kelly
Ronald K. Kerr
Gary L. Kershaw
Keith Kiler
Kristin King
Alvin D. Knapp
Debbie K. Knox
Buddy D. Kolander
Betsy Jo Kraus
Knox T. Kuppinger
Stephen E. Lawrence
David R. Laws
Joanne M. Lechtenberg
Louis W. Leidl
Lois F. Lenfest
Karen J. Lewis
Margaret Ann Lliteras
Mark Lliteras
Jean E. Lohn
Mark W. Loseke
Ted J. Loucks
Craig W. Lyon
Fred Mares
James H. Marshall
Bill Martin
Kevin G. Mathews
Connie Maus
Steve Reuben May
Paul McAfee
Carolyn S. McAnally
B. Kay McCarter
Pamela Y. McCormick
Patrick C. McDonald
Roger L. McDonald
Jodee McDowell
Joan M. McLean
Joy B. McLean
Billy R. McCracken
James L. Means
David E. Meincke
Catherine Miller
Ella Marie Miller
Karen F. Miller
Charles Minshew
Elizabeth L. Mitchell
Cheryl L. Mooney

Jack D. Moore
Bernard Morgan
Karen L. Morgan
Larry Munden
Harry Y. Nakashima
Harvey L. Neef
Patricia B. Nelson
Harry D. Newell
Kinh X. Nguyen
Joyce Novotny
Janis Ogawa
Barbara W. Oldenburg
Larry Oldham
Carol Ann Otter
Jim C. Owsley
Mahlon "Lonnie" Park
Charles Parker
Jim Parkinson
Jay H. Pendlebury
David F. Perry
Gloria Pettinger
Walter R. Pickett, Jr.
Shauna H. Pinckley
Calvin M. Pinkston
Mary E. Pirnie
Petra Pollack
Andy D. Pollard
Clarence T. Pond
William F. Post
David B. Powell
Patricia Prindel
Patricia R. Pusateri
Donald D. Rae
Bernie Rakozy
Jerry Ransom
Kim M. Raynal
Patricia L. Reber
Barbara J. Recla
Steve Reidhaar
Anne Reynolds
Robert H. Reynolds
David S. Robertson
James H. Robertson
Steven D. Robertson
Terrie L. Robinson
Ted Roof
David C. Runner
Joan G. Rusk
Irvin Sackman, Jr.
Ellie Sandner
Kay E. Sarro
Rene Saunders
Cynthia L. Saxton
Barbara Schenk
Mary A. Scholes
Myrl Schroeder
Suzanne F. Scoggan
Veronica Semko
Al Semmelroth
Kathryn K. Shaver
Larry J. Shawd
Trudy J. Sherrod
Kathleen M. Simer
Ruth A. Simerly
Martin J. Simonsen

Toni Reese Sloan
Christine E. Smith
Genevieve Smith
Rena J. Smith
Francis Storey States
William P. Statham
Danard B. Steele
Emerson B. Steele
Jim Stephenson
Thomas H. Stivison
Curt E. Stoddard
Joel Stone
Frank Stoppello
D. R. Sutherland
Robert B. Sylvester
Jerry L. Taylor
Warner L. Terrell, III
Richard A. Teutsch
Betty Lou Thamm
Chuck Thomason
Debra Kay Thompson
Tom R. Thorpe
Leo K. Thurston
James A. Tibbs
Sheryl L. Tomlinson
Dolores M. Totorica
Maria Carmen Totorica
James D. Tovey
William H. Tuller
Bernice Turner
Charles Barry Tyler
Eleanor Van deVenter
Jon B. Vietti
Timothy L. Vincent
Terry L. Voyles
Gwendolyn M. Walker
Mary H. Walker
Robert D. Walker
Dennis Ward
Robert R. Watkins
Jack Weaver
Todd B. Wendle
Jonita J. Wertz
Ruth M. Wieggers
Mary Jane Wildman
Sylvia C. Wildman
Eleanor G. Wilson
Judith E. Wilson
Peter K. Wilson
Beatrice I. Windisch
Clara B. Wirth
Jerry F. Witt
Robert A. Yandell
Max Yost
Joseph G. Young
Lois R. Young

Lost? Call us

By Dyke Nally
Director,
Alumni Relations

Your Alumni Association needs your help on a very important project! We have set a goal to locate over 7,000 lost alumni.

Boise State has a somewhat unique situation in that its Alumni Association was not established until 1967. Therein lies the root of the problem. From 1934 until 1967, there were no records and no organization. Consequently, we have lost contact with thousands of alumni, especially our BJC alums. To illustrate the difficulty involved in finding lost alumni, imagine trying to locate a "John Smith" with only his name and year of graduation to begin our search!

Therefore, we are asking for your assistance in this project. Here's how you can help:

If you know of a person who attended Boise Junior College, Boise College, Boise State College or Boise State University, from 1934 to 1981, who is not receiving FOCUS, or who does not have an alumni card, please give us a call or drop us a note. The success of this project depends on the amount of help we can get from you and your fellow alumni.

We also need alums to serve on a "Lost Alumni Search Team." We will provide project volunteers with a list of lost alums from your year of graduation. You will then be asked to locate as many of these as possible.

Additionally, 1982 is Boise State's 50th Anniversary, and we would like to be able to inform all of our alumni about this exciting year of celebration for the institution.

Please help your Alumni Association find your classmates by assisting us in this vital project. If you know of any "lost" alumni, please notify the Records Research Project, BSU Alumni Office, 1910 University Drive, Boise, 83725, telephone (208) 385-1698 or (208) 385-1959. Collect calls will be accepted.

Thank you for any information you can provide!

Instructor dies

Vocational Technical School business machines technology instructor William C. Sellars, 59, died July 16 of a sudden illness.

Sellars, who had served with the U.S. Marine Corps in Guam and Guadalcanal during World War II, had worked for Nampa Typewriter Exchange, Fisher's Office Equipment, and Main Office Equipment, Boise, before joining the BSU faculty in January, 1981.

Survivors include his wife Pearl, Boise; a daughter, JoAnn Ward, Emmett; two sons, Dennis W., Coeur d'Alene, and Brent D., Boise; his father, John Clayton Sellers; and a brother, Herman Sellers, both Boise; and eight grandchildren.

Dollars from Denver

Support for the Morrison Center is not confined to Idaho boundaries.

In addition to large and small donations from Boise area residents and other patrons of the arts, the center project has caught the fancy of two Denver residents.

J.N. Marshall Co. plumbing products salesman Gene E. Rodaway was invited to attend *Vaudeville Revisited*, last spring's gala fund-raising show for the center, while calling at Horlan's Boise Inc.

Evidently it was a good performance. Rodaway was inspired to share his pleasure in the show and support for the project with friend and performing arts supporter Jerry P. Hill. The pair then mailed \$50 donations, worth far more than that in terms of friendship and support for the BSU-community effort.

PERSPECTIVE

It is my privilege to welcome you back to the campus for the 1981-82 academic year, to wish you the very best personally and professionally during the coming months, and to offer my assistance to make your critical tasks as effective and as successful as possible.

In this presentation, I hope to speculate on whether or not Boise State University is a high-performance organization. After all, if professionalism, excellence, and collegiality exist in appropriate amounts within individuals or departments, the real bearers of academic genes, shouldn't they collectively contribute to a truly fine university? To survive the 80's in the style we wish to maintain, I contend we must be a high-performance organization.

The first characteristic of a high-performance organization is that it espouses one key value, and only one.

At Boise State University, it appears to me that the one central purpose or value is to produce educated persons who are literate, knowledgeable of public affairs, capable of lifelong learning through taught and acquired habits, and able to solve problems as a result of the mastery of an academic or a vocational discipline.

A high-performance organization must sustain that single value above all others even though the public believes universities have greater purposes.

Too frequently, there is an exasperation expressed with discussion of a basic purpose as if leaders have no responsibility to clarify or revive it. Too frequently, also, it is forgotten that a continuous stream of purposeful actions throughout the year, not just a statement or two, is necessary to induce clarity, consensus, and commitment to the University's underlying value. But the production of educated persons and the treatment of the definition of an educated person as a live question forever worthy of discussion, can never be put aside. When the University deviates or moves away from this single key value or acquires new values and products which it cannot handle, it declines in influence and effectiveness.

The second criterion of a high-performance organization is that it recognizes productivity emanates primarily from the people who are part of it rather than from routines or systems.

Among other things, that recognition requires a strong, shared commitment to the central purpose of the University—producing educated persons.

Do we really have a working definition of professionalism and excellence, or are we like Justice Potter who couldn't define pornography but simply knew it when he saw it? Does our reward system respond to professionalism and excellence?

The profession of teaching must be restored to a position of understanding and comfortable self-respect in the minds of those who practice it, and it must also be resurrected in the eyes of the public. We must, for example, think of what it means to speak of teaching as a "load" and research as an "opportunity." At the same time, the rhetoric about "deadwood" and "fat" must be ended lest it become self-fulfilling, and the salary increases requested from the legislature through the State Board simply must be met if the University's hopes to sustain itself as a high-performance organization are to be realized. Our individual actions as teachers are under a microscope in classrooms located in the state capital, and those actions matter a great deal. But those who generalize about the University, or all of higher education, from a single instance, from one behaviorist who forgot how to behave, are like the observer who remarked, "All Indians in Idaho walk in single file. At least the one I saw did."

It should be clear to anyone observing closely that a high-performance organization must recruit, recognize, and keep the best people—for extended periods. Support from the organization and expressions of pride in the organization from its members are critical signs. It is either a privilege to be a Bronco or it is not. High turnover in personnel, faculty, or staff is a sign of lack of commitment and declining performance.



The third characteristic of a high-performance organization is that it stays in contact with its customers around-the-clock.

In academia, you can get a valid argument that the customer is the public or the faculty, but we must insist that it is the student. It is for that reason that the core curriculum was revised, the catalogue rewritten, and the University's resources reallocated to high-demand academic areas. It is for that reason that there is regular pressure to improve advising and to recognize it as a central portion of the teaching program. It is for that reason that registration processes, housing and job opportunities, scholarship and student assistance are routinely reevaluated and attempts made at improvement. It is for that reason that faculty and administrators are willing to say, when necessary, the customer is not always right.

At Boise State University, more than any place I have been, the faculty and the staff have a reputation of caring about students. That concern, in my judgment, is what produces Rhodes Scholars, national championship football teams, fellowships to fine graduate schools, and excellent employment opportunities. And beneath it all, I am quite certain, is that constant desire to extend the privilege of becoming an educated person to all who seek it.

The fourth characteristic of a high-performance organization is effective leadership at all levels.

In judging leaders, a practice we all engage in with as much professionalism as possible, I look for someone with a clearly articulated purpose, someone who is consistent and predictable, and someone with a clear context or framework. Perhaps these characteristics translate into the goals of eloquence, respect for the rule of law, and a talent for politics.

Not everyone, or every job, is cut out for John Wayne leadership. In one recent late movie, he explained his purpose with the line, "A man's gotta do, what a man's gotta do." Then he simply said "Saddle up," and thousands of men got on their horses and followed him. To win the leading lady, he merely walked up and said, "Hello, there," and she fell into his arms. Sometime I intend to try those lines on the legislature, the faculty during salary discussions, and the State Board staff.

While it is easy to be critical of John Wayne, it may be that, in some ways at least, he hints at Lao Tse's classic aphorism concerning leadership as the ability to

lead without seeming to lead which has been a point of departure for centuries. His claim was:

A leader is best
When people barely know he exists.
Not so good when people obey and acclaim him.
Worse when they despise him.
"Fail to honor people,
They fail to honor you";
But of a good leader, who talks little,
When his work is done, his aim fulfilled,
They will say, "We did this ourselves."

People who make the most difference, it seems, make the least disturbance.

And somehow, the leader must explain that the sole and exclusive consideration of universities by legislators through the lenses of accountability and efficiency will not only miss understanding what the university is really about but may destroy their true purposes. Reductions and cutbacks based on counting or quantitative measures alone are folly. A symphony orchestra, after all, needs an oboe even if it doesn't play all the time. And anyone who thinks about it realizes that complete dissection, one hundred reports on the same subject to different agencies each year, cannot humanely take place without first killing the subject. Too much self-analysis, imposed or otherwise, is a sign of insecurity, and that is not a firm foundation for any activity or organization.

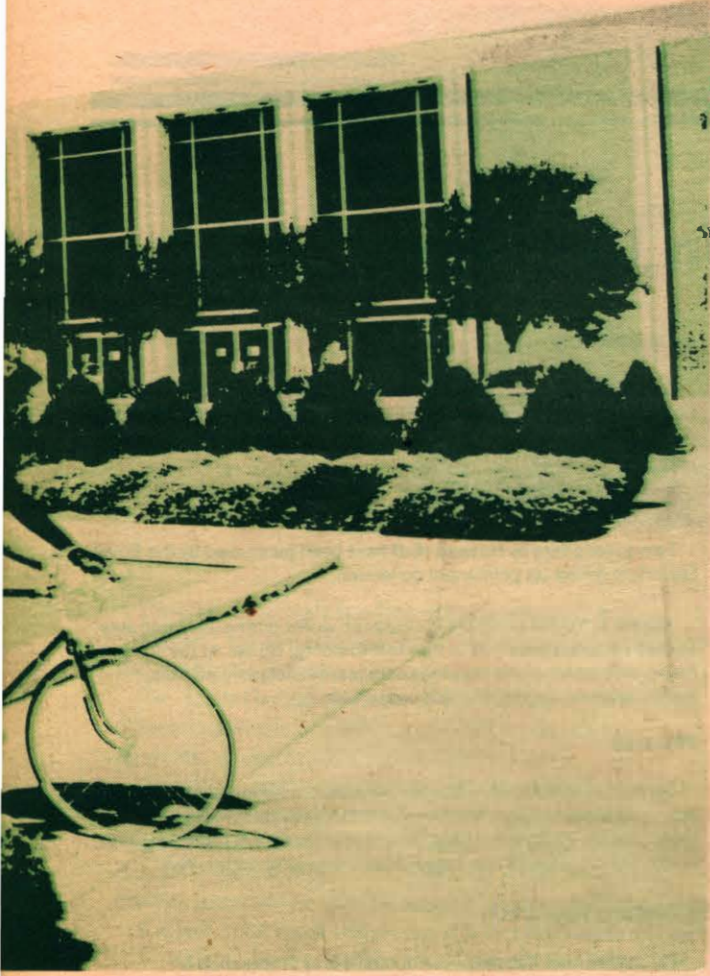
Finally, I believe that leadership at Boise State University must avoid the Walenda Syndrome if the institution is to be a high-performance organization. The elder Walenda, a year before his fatal fall, said, "The only time I feel alive is when I'm walking the tightrope." His daughter said that one month before his death, his preoccupation was with not falling. Leadership at any level, while it must know the price of things and be willing to live with results, requires subordinating the fear of falling to the joy of walking. It requires very hard work for extended periods, an affection for the organization, and an application to tasks central to the University's success.

The fifth criterion for a high-performance organization, in my view, is that while it is clearly bounded or limited from its environment or surroundings, it effectively explains its uniqueness, its value, and its place within the broader community.

This not only gains needed support and provides mutual improvement, but it prevents it from being consumed by jealous competitors, from being ignored,

BSU: High Performance?

Keiser addresses faculty



or from having one or more of its primary functions usurped.

It is, therefore, incumbent upon us to explain ourselves and our plans to the City of Boise, the Treasure Valley, the State of Idaho, and the region as clearly as possible.

To serve as yet another vehicle for delivering that message, we are engaged in an attempt to strengthen and to make more effective the University Foundation through more frequent meetings, by making it advisory to the executive offices on a variety of issues, and by using it to coordinate the numerous support groups already in existence.

Thus, one of its committees will be made up of members of the advisory committees to the Schools of Business, Education, Health Sciences, Vocational-Technical Education, as well as the Bronco Athletic Association, Friends of Channel 4, the Alumni Association, the University Community Arts Association, and the BSU Committee of the Chamber of Commerce. This year's annual report of the Foundation, in many ways the first annual report, should reflect this unity. And to make certain there is more effective staff support for this united effort, we have placed the staff of the Alumni Office, the News Services Office, and the Development Office together under a new unit called University Relations and elevated the lot from their former locations around the campus to the seventh floor of the Education Building. This new approach to bridge organizations between the University and the community is meant not only to focus and to increase fundraising efforts, but to more effectively explain ourselves to the broader community.

In this light, we are obliged to say that there has never been a great city which has not been associated with a great university, and that it is our hope to establish or to maintain that relationship with Boise as it moves towards the year 2000. As the Morrison Center will unite the community and the University in commemoration of the arts, so should the School of Business and the School of Health Sciences, among others, bear the name of a community leader willing to help provide the expansion and the quality both so necessary for the future. The old gymnasium, remodeled for classrooms and offices, or the Subal Hall and the Music Building, once the faculty move into the Morrison Center, could also be named after a benefactor willing to refit them appropriately.

Before any of this can happen, however, it is vitally important that we have a physical master plan, developed with wide discussion, and approved by the

State Board—we hope before next June. To the extent that these things happen effectively, according to plan, to that extent can we claim status as a high-performance organization. There is, after all, a recognizable weakness in a rifle range instructor who shouts, "Ready, fire, aim."

The fiftieth anniversary, beginning in January of 1982, will provide another test of this category. We are committed to endowing several chairs or professorships and to dramatically increasing our endowment for student scholarships during this year. This goal, as opposed to expanding physical facilities, can be met only if it is properly explained to the community and if everyone at the University agrees to help us achieve it when asked. The detailed plans will be made available in the near future.

The sixth characteristic of a high-performance organization is that it is organizationally simple with clear authority lines allowing for reasonably quick, "how to" responses to problems or to good ideas at the level where they occur.

By this I am not advocating a withdrawal from due process, but rather I believe we are all obliged to know when to use it and to simplify it whenever possible. During the 1970's, I truly began to wonder why the parks weren't filled with statues of committees; and, I once tried to start my car by consensus. But we were 20 miles from home on a fishing trip and finally agreed to turn the task over to one of us who was a mechanic. There are times when there is no other choice than to take the bull by the tail and face the situation, and the sooner the better.

I recognize that public organizations, particularly universities, are complex and that delays are often necessary. But I also agree with John Gardner who believes that "There is more freedom in large organizations than most of us have to courage to exercise." And while governmental organizations, by the nature of the U.S. Constitution itself, are set up to avoid concentrations of power rather than to maximize efficiency, I can also testify that one of the most admired characteristics of either a leader or an organization in the public or private sector is that he does not waste the time of others.

The seventh, and final, characteristic of a high-performance organization is that it does what it does with less resources than generally assumed to be necessary and remains convinced that it does a better job than its competitors.

That is such an obvious and extreme mark of Boise State University that the State Board of Education began an equity adjustment among the state institutions in our favor this fiscal year. I have never believed that there was a one-to-one relationship between money and innovation or doing things better. If that were true, the United States would not have been founded—or Christianity for that matter. However, you have heard me comment many times on our share of the state's students versus our share of the state's budget, on our comparative student/faculty ratio, on our workload, on our percentage of non-teaching staff per student FTE compared to anywhere, on our facility utilization figures, on our salaries, and on our relative equipment budget per student.

While we have an obligation to do the best we can with the funds we have, I will say again that we remain inequitably funded, that without increased support we are depriving greater numbers of persons of the opportunity to receive a quality education, and that to say we can emerge from additional reductions stronger and leaner is ridiculous. I truly believe that pride and professional commitment will keep us doing our jobs at the highest level possible. I also know that without the help of everyone who cares, inside as well as outside the University, the budget message will not be effectively delivered to those responsible for final decisions.

I am certain that there are other ways, perhaps more important than the ones I have listed, to judge high-performance organizations. I know also that public and

private organizations are alike in all unimportant respects and that universities are unique. But I believe that as the 1981-82 year begins, a few moments spent reflecting upon how we can make Boise State University more effective is well worthwhile. And like Ralph Waldo Emerson, who used to greet friends he had not seen for awhile with the question, "What has become clear to you since we last met?", I only wish to tell you I feel we are a high-performance organization because of your efforts, that we can do better if we continue to seek the attributes of professionalism, excellence, and collegiality you are seeking today, and that together we can produce a truly rewarding 1981-82 academic year.

Campus houses

(Continued from page 1)

respiratory therapy should be phased out in 1-5 years.

"The useful life of these buildings has long since passed. In most cases, the cost of renovating and repairing is greater than the total worth of the buildings. The only money that should be spent on these facilities should be to protect the contents until appropriate space can be provided elsewhere," it said.

Nine buildings were recommended for phase out in the next 6-10 years. Two of those, political science and military science, house academic departments. Another, the Music Auditorium, is one of the original junior college buildings, and another houses the campus Visitor's Center.

Other are for archeology, art, math, and art graduates.

Most of the buildings recommended for phase out were small and cost between \$30-50,000. The only exception is the Music Auditorium, which would cost \$694,100 to replace.

The report recommended major renovations for five other buildings that still are structurally sound. First on the schedule is the Music/Drama Building, formerly the junior college student union. Built in 1942, the building is a major energy consumer and needs improvement to bring it up to handicapped and life safety standards. It needs a major renovation within the next 3-5 years, the report said.

Four other buildings will need renovation within the next 10 years. They are:

- Science Building (1955) needs work to repair floor settlement in the northeast corner.
- The gymnasium (1955) should be totally renovated within the next 5-7 years to make it more functional. Money for that project has already been approved by the State Board of Education.
- Driscoll and Morrison halls (1951) need major handicapped and life safety improvements, but both are structurally sound, the report added.

The cost of renovating the five buildings was not specified, but the report said schools should plan to set aside major funding for the improvements in the latter half of the decade. In the meantime, schools should give the buildings proper maintenance to prevent their deterioration.

Building fund

(Continued from page 1)

pavilion comes on line next spring.

The mezzanine, stage, foyer, and locker room area would be included in the \$500,000 renovation plan. The gym floor would still be used for physical education classes and intramurals.

The Board also approved BSU's request for \$130,000 to develop a master plan which would guide campus expansion in the future. Another \$200,000 was recommended to acquire property.

The State Board did turn down BSU's request for \$250,000 toward construction of a \$10 million health sciences building, \$200,000 for improvements in the campus electrical system, and \$250,000 toward construction of a \$3.4 million maintenance building.

COM Catalog replaces cards

Microfiche readers here



Using the COM catalog

Have you looked up anything in the BSU Library lately?

If not, you'll be surprised to find that your old standby friend the card catalog is being phased out, and the new Computer Output Microform (COM) catalog is stepping in to take over library cataloging.

As of July 1, new publications coming into the library are all referenced in the COM catalog and will not be found listed in the card catalog. Over 60 percent of all library materials are now entered in COM, and eventually all of the collection will be found there.

For now, this means that there will still be some instances when you will have to use both catalogs, an inconvenience admitted by BSU librarians.

"We're doing everything we can to help," said librarian Gloria Ostrander. "We know that people are used to the card catalog, and that this transition will cause a certain amount of inconvenience."

Don't worry about your lack of expertise with the COM catalog, though. Help is available.

Ten COM catalog terminal readers, together with their carousel microfiche holders, will be stationed throughout the library, several in the main card catalog area downstairs and the Curriculum Resource Center, according to librarian Beverly Miller.

The main lobby information desk will be staffed during busy library hours with staff members who can help those who don't know how to use the catalog and its microfiche records. Elsewhere, other librarians will be glad to help, she said.

The library's reference department staff will be available to discuss and demonstrate the COM catalog before classes and other groups. To schedule the catalog explanation and demonstration, telephone the reference office at 385-3301 or 385-3302.

The new catalog will be available each year in printed form, with supplements added quarterly. University departments and others interested in buying updated catalogs may purchase them from the library for about \$25 per year, Miller said.

COM catalog information is contained on about 157 microfiche sheets containing about 123 entries. The microfiche catalog entries will include books and reference works, as well as some periodical titles, but not the titles of articles printed in periodicals, Miller said. For those, the *Reader's Guide to Periodical Literature* will still be the cataloging authority.

Library materials are catalogued alphabetically according to separated title, author, and subject headings.

Reading COM information is basically the same as

People on the Move

ATHLETICS

Gary Craner, head BSU athletic trainer, has been appointed host trainer for the National Clinical Symposium of the National Athletic Trainers Association (NATA). Craner will appoint committees and oversee activities at the convention, scheduled for June, 1982, in Seattle, Wash. He is a member of the NATA Board of Directors.

BUSINESS

Dr. Thomas E. Stitzel taught a Financial Management in the Public Utilities course for executives at the University of Idaho during July. This was his 12th appearance in the 28-year-old program.

Stitzel and **Warren Robinson**, a 1976 BSU master of business administration graduate, published their article "Incorporating Risk into Utility Investment Decision Making" in the July 2 issue of *Public Utilities Fortnightly*.

BIOLOGY

Dr. Robert Rychert presented his paper "The Western Range and Livestock Industry: A Source of Environmental Pollution?" at a meeting of the Pacific Division of the American Association for the Advancement of Science in Eugene, Ore., June 14-19.

Dr. Marcia Wicklow-Howard is attending the 13th International Botanical Congress in Sydney, Australia, Aug. 21-28. There she will present her research paper on fungal disease infecting conifer seeds in Western North America.

MARKETING AND MID-MANAGEMENT

Dr. Douglas Lincoln presented his paper "Communication Effects of Integrated Advertising—Stretching the Retailer Ad Budget" to the American Marketing Association's National Educators Conference in Washington, D.C., Aug. 9-12.

Lincoln's article "Assessing the Usefulness of Attribute Advertising for Store Image Enhancement: An Experimental Approach" has been accepted by the *Journal of Advertising*. He was recently appointed tract chairman for the Small Business Management/Marketing tract for the 1982 Academy of Marketing Science Conference and will evaluate and schedule papers and designate speakers for the academy's national conference.

Dr. Gary McCain taught two seminars, Advertising for Small Business and Motivation and Leadership, at the downtown Bill Ray Center of the University of Alaska, Juneau, during June.

NEWS SERVICES

Jocelyn Fannin attended a University of Washington seminar, History and Organization of Higher Education: Advancement Programs in Colleges and Universities, July 27-31 in Seattle.

Fannin also spoke Aug. 11 on publicity and promotion of programs to the BSU-sponsored Consumer Economics Institute in Boise.

GEOLOGY AND GEOPHYSICS

Dr. Spencer Wood has been awarded a grant from the Los Alamos Scientific Laboratory to study volcanic rocks near Mountain Home and in recently drilled geothermal wells in the Boise area.

The study's objective is to provide a geologic evaluation of the suitability of the Mountain Home area as a site for a hot-dry rock experiment. Wood will investigate development of a new technology for generating electricity from water heated by circulation through artificially fractured hot rock between two deep wells.

Jointly funded by West Germany, Japan, and the U.S., the program could, if successful, be used to mine the Earth's natural heat in many areas of the world.

Wood also presented his paper "Tectonic Tilt Measurements in Southern Alaska" at the annual meeting of the Seismological Society of America at the University of California, Berkeley. Recently, he also gave a paper on earthquakes to the Idaho Academy of Science and attended the national meeting of the American Geophysical Union in San Francisco and the geothermal well logging course of the Geothermal Resources Council held in Reno, Nev.

MATHEMATICS

Alan Hausrath lectured at two mathematics meetings in Columbia, South America, during August. Hausrath has been teaching mathematics in the night high school for migrant students in Nampa this summer.

ART

Two silver prints by **Howard Huff** have been purchased by the Boise Gallery of Art for its permanent collection.

Ronald S. Taylor exhibited his ceramic works during June and July at the Fritchman Galleries in the Hoff Building, Boise. At the show, Taylor displayed utilitarian stoneware pieces including platters, bowls, teapots, lidded jars, and casseroles.

PRE-MED

Dr. H. K. Fritchman II, attended the annual meeting of the Western Association of Advisors for the Health Professions in Asilomar, Calif., March 29-April 1. There, he was appointed to a three year term as member at large for the association's executive committee.

BILINGUAL EDUCATION

Dr. Jay Richard Fuhrman conducted a May 2 workshop on "Troublesome English Sounds: Do They Ring a Bell?" for the Idaho Association for Bilingual Education at Idaho State University in Pocatello.

Fuhrman recently completed the requirements for his Doctor of Education degree from Texas Arts and Industries University, Kingsville, Texas. His dissertation explores causes of reading problems among non-English proficient children in the Nampa School District, where he has been assistant director of the Summer Teenage Migrant Program for four years.

He was recently elected to a three-year term on the Nampa School Board.

HONORS PROGRAM

Dr. William Mech spoke recently to the Science-Education consortium, a cooperative project of Mountain Home Air Force Base, the City of Mountain Home, and Mountain Home Schools on the Importance of studying science.

MANAGEMENT AND FINANCE

Dr. Patrick Shannon is a member of the board of directors for the newly formed Boise area theatrical company The Stage Coach, Inc.

Dr. Roger Roderick presented a paper entitled "The Effects of Discrimination on the Quality of Working Life," to the Western Academy of Management meeting held in Monterey, California last April.

COMMUNICATION

Scott Gepford presented the paper "Herder's Balance Theory and Its Application to Communication Studies on Self-Esteem" to the Northwest Communication Association convention at Coeur d'Alene in April.

MUSIC

Joseph A. Baldassarre performed this summer in a two-hour classical guitar and lute concert at the Sun Valley Center for the Arts and Humanities.

Pianist **Keith Cockerill**, student of **Madeline Hsu**, has been accepted into the graduate school of music at the University of Southern California, Los Angeles.

COUNSELING CENTER

Mary Cozine received the Secretary of the Year award of the Ada County Association of Educational Office Personnel at the annual Bosses' Breakfast held at the Owyhee Plaza, Boise, in May. The award was based upon her supervisor's recommendations, professional activities, educational and workshop participation, and contributions to school and community.

reading the card catalog, except that the call number for an entry appears in the lower, rather than the upper left corner, Miller said.

In addition to bringing the BSU Library into the modern computerized cataloging world, the COM catalog will save considerable staff time previously devoted to card cataloging.

COM equipment and services are purchased from the Washington Library Network.

Researchers will definitely benefit. Computerized bibliographical data will be available to them from COM information provided by the library network, so that they may find out what information is available in a given subject area such as *biofeedback*, Miller said.

The catalog transition has been made through an initial grant from the Pacific Northwest Regional Commission, as well as state funding for libraries and the regular BSU Library budget.

UCLA dean 'bullish'

Goodlad says schools need rebuilding



One of America's leading educators says he is "bullish" on the country's educational system, despite the problems it faces.

Dr. John Goodlad, dean of the Graduate School of Education at the University of California at Los Angeles, spoke to BSU students last June.

Goodlad, author of the widely discussed education book *What Schools Are For*, and the forthcoming *A Place Called School*, is a member of the Educational Advisory Board of Science Research Associates, and a charter member of the National Academy of Education.

Called "the most respected teacher educator in the U.S. today" by Dr. Richard L. Hart, dean of the BSU School of Education, he expressed a variety of thoughts on education in the 80's in his talk and in a FOCUS interview following the speech.

Problems of U.S. Education

The public school system in the U.S. that was built by a coalition of parents, school boards, school superintendents, and legislators has largely collapsed, and must be rebuilt.

All three U.S. institutions, the home, church, and school, are in trouble today. We need to confront that fact. Fifty-one percent of mothers are working. Sunday school enrollment is down. In some schools, 50 percent of the students on a given day are not there at all.

These problems rise out of the community, and teachers are not trained to deal with them. Communities will have to organize themselves to identify these problems.

We have to learn to recognize the differences between conditions and problems. For instance, working mothers are a condition of our society. We need to understand what kind of problems this condition creates and find ways to deal with them.

U.S. education is faced with providing students with a broad, comprehensive education through 12 years, and doing that with equity—allowing equal access to knowledge and good teaching.

No Place to Go

There's no place to go in teaching; it's a flat profession. We must provide opportunities for teachers. There ought to be a doctorate in learning. Principalship ought to be a highly paid profession, but salaries don't warrant it now. Increases should come more rapidly.

Teachers need a far deeper, more profound education. We never educate them to meet the demands of the profession. We have never given them full professional recognition.

I would recommend a six-year academic program for teachers culminating in a master's degree. I would also recommend stringent requirements such as requiring teachers to be in the top 50 percent of their classes and to work closely with the public schools in a kind of residency.

Are teachers paid enough? We are never going to get enough. Teaching is a seriously underpaid profession. It is particularly badly paid at the ending levels. Money is not a high motivating factor to get into teaching, but after ten years, teachers start looking around.

Back to Basics

One of the main things we need to do is to get above the "back to basics" movement—a fallacious notion perpetuated by the news media.

What are schools for? It is a myth that people want just the Three R's. What do the states expect of the schools? Take a hard look at the state mandates. They name academics, citizenship, vocational and personal education.

How often have you met a parent who doesn't want it all for his child? Parents really want broad, comprehensive, liberal education. Their mandate is not "back to basics," but for a general or liberal education.

We are "back to basics." Our problem is with teaching them. People are getting tired of simplistic notions. We're now beginning to face the facts. No one single thing will make the difference—no single reading method makes over five percent difference. What we're coming to understand is that there are a whole lot of factors.

What's Important?

The most important things in the lives of young people are things other than school, even when they are in school.

In a survey of students' attitudes about what was important in high school, classes rated only seven percent, one percent less than "nothing."

Teachers to the junior high schoolers rated only 3.5 percent in importance; in high school they were rated at five percent. Principals rated zero.

If you're going to be smart in high school, it's a good idea to be a good looking athlete. Nearly 78 percent of high school students surveyed chose athletes as being most popular. How did smart students fare? They got seven percent, just about even with gang members.

Students in junior and senior high school both rated their three worst problems as being student behavior-misbehavior, drugs and alcohol.

Parents Are Supportive

There is not a public attitude of distrust in the schools. Educators believe that the public is critical. They should realize that parents are supportive of education. Data show that parents want to be involved with the schools. Local people who have children in the schools are deeply interested in education. They don't want to take over; they do want to help.

A recent \$7 million seven-year study of 16,000 students in 1,000 U.S. classrooms shows that parents relatively satisfied with the schools, giving them an overall B- rating.

That report shows that the lowest ratings for the schools came from high school students, next lowest, teachers, and highest from parents. Primary classes are well-rated; everything goes downhill after that.

What Should Schools Teach?

From a 300 year analysis, our schools began with simple academic goals, then added citizenship and civic goals, and last, vocational education.

In the 20th century came the idea of personal education—to develop people capable of profiting from their own educational experiences.

Of these goals, 50 percent of parents surveyed chose academic learning as most important. That wasn't too surprising; what was surprising was that 50 percent chose other goals.

All of the parents rated all four goals as somewhat important.

TV, The Common School

Television is now the common school. It does more to teach values than do home, church and school. TV is a profound educator. That wouldn't be too bad if only we recognized it.

Students graduating from high school in Boise this year have spent ten percent of their lives watching TV, and have been in school only eight percent.

Do our schools have the power to reach these young people? My answer has to be negative. A revolution is needed to teach the curriculum, and we're only tinkering. We're even cutting out the arts which do grab their minds.

Computer Literacy

One of the real tragedies in the U.S. is the amount of training available for jobs that scarcely exist. On the other hand, very few schools are doing anything about the computer. Every student needs computer training. Instead of turning the clock back, we need to analyze what it is that we need in the future.

Standardized Tests

Standardized achievement test scores have steadily risen throughout the decade, but education is getting worse.

The problem is that test scores have a lowest common denominator. Youngsters learn to regurgitate the answers, but don't learn how to use them.

I think the proficiency tests are very useful politically, but have not helped education. They have not helped the quality of schooling.

A Lousy Job

According to the data, although a variety of teaching methods are available—reading, talking, small group discussion, writing, drawing, dancing—in the primary classroom, teachers average fewer than five techniques. Upward through the grades, fewer and fewer methods are used. Some senior high school teachers use only one method.

At the junior and senior high school levels, testing takes as much as 6 percent of instructional time.

It's apparent that as student age increases, controlling the classroom becomes more important. Teachers tend to keep classes in groups, keep students in their seats, keep control. People aren't learning high levels of literary skills; we have enforced the lowest common denominator with workbooks and didacticism. If you're teaching with only textbook and workbook, you're doing a lousy job.

Education in the 1980's

I'm looking as some people do at the stock market. I happen to be somewhat bullish. I think things are going to be better, maybe because they've been so bad. There is a climate of greater support whenever criticism turns on education.

Broncos long on talent

Short on experience

SPORTS



BSU's defensive linemen, above, may be the biggest . . . and best in the school's history.

By Larry Gardner

The 1981 Bronco football team is short on experience, but it may be longer on talent than any group of new players Head Coach Jim Criner has recruited since coming to Boise State University in 1976.

There are just 10 returning lettermen from the 1980 national champion squad, but there were a record 108 athletes trying out for positions when fall football practice began the third week in August.

"I do feel after four practices that it's our best group of new players since I've been here," Criner said. That's not discounting the group that arrived in '76 such as Cedric Minter, David Hughes, Terry Zahner, Shawn Beaton and others, Criner said. "But this group has that same potential and more numbers."

While size is not the prime goal on Criner's list of priorities, the 1981 contingent may have more size than Bronco teams of recent years.

"Size is a plus as long as they have good speed," Criner commented. "Size is not the ultimate factor, but speed is, and I feel good about the mobility of our big people. We only have six players on the 'fat table' this year."

Although he will be counting on an extra ration of leadership from his 10 returning starters, Criner also relishes the task of working with a young, inexperienced football team and the challenge it presents. Criner believes that after just a few practices he detects evidence of an ingredient that he feels is crucial—enthusiasm.

"One of the ways to overcome lack of experience is through enthusiasm, not only in the football team itself but also from students and fans alike. We'll need that added vocal support at ball games to help us win early."

A bonus for the young Broncos is a schedule that calls for the team to play its first four games at home—Northwestern State of Louisiana Sept. 5, Rhode Island Sept. 12, Idaho State Sept. 19, and Northern Arizona Sept. 26.

The fortunate scheduling should help sustain the enthusiasm and camaraderie. All members of the squad will be able to suit up for the home games before the paring down for road games begins.

"This team already has a lot of enthusiasm and emotion—and I think they will play that way," Criner added.

Another thing that seems to be representative of the 1981 recruits is staying power.

"We usually lose players earlier than we have this year which speaks well of strength of character. We really push them hard during two-a-days," Criner said.

The thing that Criner likes to do most is talk about the players that are beginning to jell into a team—a team contemplating one of the biggest challenges in Criner's career at BSU.

"The football team is faced with not only having to defend the conference championship as BSU has done

so often but with the added pressure of defending a national championship. With such a young, inexperienced team, it should bring out the best in all of us—fans, coaches and players."

Those players who return to offer both leadership and talent on offense include Kenrick Camerud (place kicker), Dennis Brady (tackle), Bill Madinger (tackle), Kipp Bedard (wide receiver) and Duane Dlouhy (tight end).

The defensive core will be formed around Randy Trautman (tackle), Rick Woods (strong safety), Chris Bell (corner back), Michel Bourgeau (tackle) and Larry Alder (free safety).

Criner sizes up the experience by describing Brady and Madinger as the best returning tackles in the Big Sky Conference. The quarterback who finally wins a starting spot may still be up for speculation, but Criner believes he will have two of the best receivers in the league ready and waiting—Bedard and Dlouhy.

"Our defense is bolstered by an outstanding group of defensive backs led by Rick Woods, Larry Alder and Chris Bell. We also have two of the best defensive tackles in Randy Trautman and Michel Bourgeau to ever play, not just at BSU but in the Big Sky Conference," Criner said.

One position that always draws high interest on any team, but particularly at BSU with its tradition of a wide-open passing offense, is quarterback.

Although sophomore Tim Klena seemed to be the logical candidate to handle signal-calling after spring practice, challengers may be lining up to polish their passing attacks during fall drills.

Craig Wallis, also a sophomore, has been coming on strong.

"Wallis is an excellent player and will give Klena all he can handle in the battle for starting quarterback," Criner predicted. "Klena is also getting good competition from Eric Brow, an Oregon freshman, and Pat Fitzgerald, a freshman from Borah High School."

Two wide receivers, though freshmen, are earning attention from Criner. They are Brian Davidson from Ontario and Greg Hagood from Capital High.

"I'm really excited about the way they are playing. They are catching the football, and they know how to run when they get it," Criner continued.

"For running back positions Darrin Corpus, a sophomore from Borah, and Robert Farmer, a junior from San Diego State, appear to have the early lead. Two other freshmen, Tim Brock of Boise High and Rick Pickett of Vallivue, have been impressive, Criner added.

Right now the battle for tailback involves junior John Broadus, sophomore Rod Webster, and freshman Mark Schaal from Buhl High School, Criner indicated.

"If we can keep from beating ourselves early this is really going to be a good football team. It is going to be a fun team to work with—young, enthusiastic and very talented."

BAA, alumni schedule socials

This fall the Bronco Athletic Association and BSU Alumni Association have scheduled two away football game social events.

The Eldorado Hotel/Casino has been selected as Bronco headquarters for the Oct. 31 BSU vs. University of Nevada-Reno football game. Rooms have been reserved until Oct. 2 at the Eldorado and other surrounding hotels. Fans may reserve their room by calling (800) 648-4597 or by picking up a reservation card through the BAA office. It is the responsibility of individual boosters to reserve their own rooms.

On Friday, Oct. 30, the UNR Wolf Pack boosters have scheduled a hosted welcome cocktail party for all Bronco boosters. The event will be held at the Eldorado at 6:30 p.m.

Immediately following the football game on Saturday, the Eldorado will host a 1½ hour cocktail party featuring entertainment by the Fabulous Freddie Powers and his group. In addition, Joe Cannon will perform in the lounge area.

Cavanaugh's Motor Inn will be Bronco headquarters for the Nov. 21 football game with the Idaho Vandals. Reservation cards are available through the BAA office. Rooms must be reserved prior to Oct. 15 and reservations must be made for both November 20 and 21.

Pre and post game no host mixers are scheduled at the motor inn on Nov. 21. The pre-game function will start at 5 p.m.

Ninth Bronco season broadcast by KBOI

KBOI Radio begins its ninth season as the flagship station for the "Bronco Sports Network." KBOI, the only 50,000 watt station in Idaho, can be heard throughout Southern Idaho, Northern California, Southern Oregon and Northern Nevada. Bronco football and basketball games have been known to reach Los Angeles to the south and as far north as Anchorage, Alaska.

Other stations in the network include KFLI-AM in Mtn. Home, KLIX-AM in Twin Falls, KBAR-FM in Burley and KBLL-FM in Blackfoot, Idaho.

Paul J. Schneider, who will broadcast his 100th Bronco game Sept. 26, will again be the voice of the Boise State Broncos. Bob Rosenthal, former sports information director at BSU, will join the "Bronco Sports Network" as a color commentator.

BSU hosts NCAA playoff games

Boise State University will be one of eight sites hosting sub-regional tournaments in the NCAA's 1983 basketball championships.

The tournament will be played in the pavilion, which will seat approximately 12,000 fans.

BSU will play host to six teams in the two-day affair. Four of the six teams will play the first night. The two winners will move on to meet the two seeded teams. Winners of those games will move to Ogden, Utah for the Western Regionals.

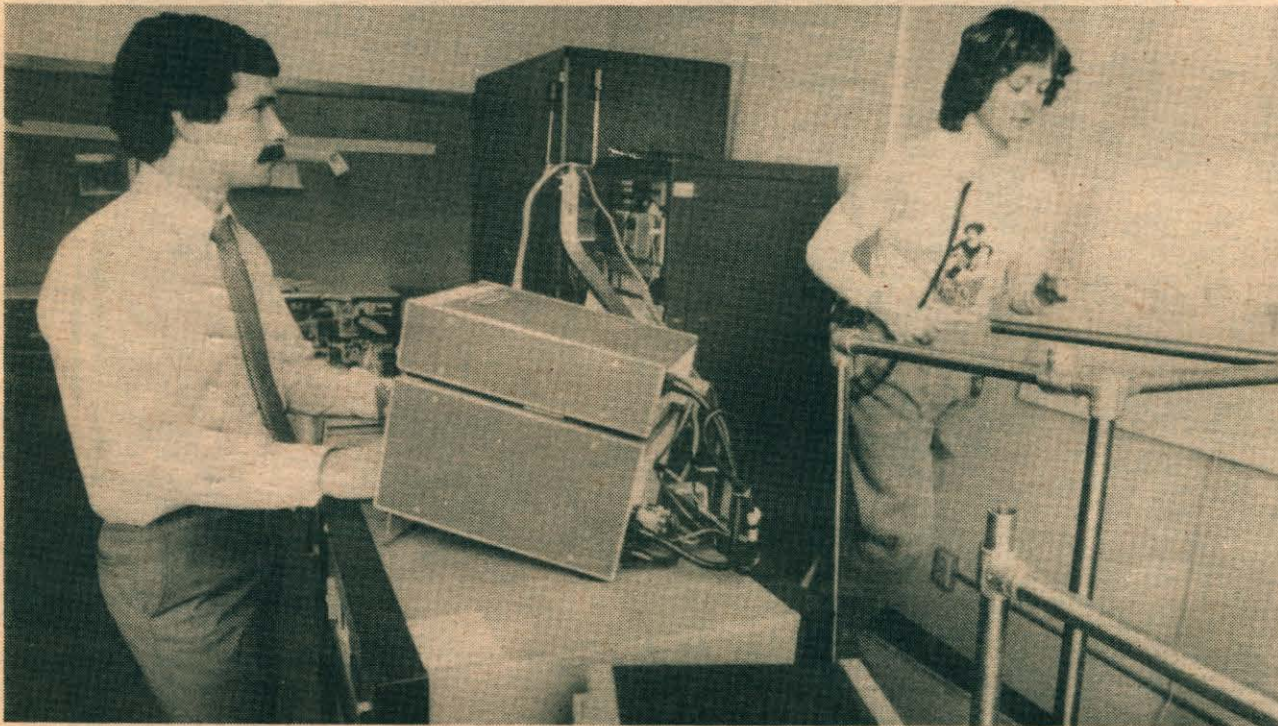
Bronco barbeque set

The Bronco Athletic Association will host its annual Bronco Day Barbeque on Friday, Sept. 4. This year's event will again be held at Municipal Park Fireplace #7 and will start at 5:30 p.m.

BAA members and their families will be admitted free with their membership card. Cost for non-BAA members will be \$4 per person.

Physiology labs expand

Equipment enhances PE studies



On a treadmill, but headed toward expansion of the BSU biomechanics, physiology and fitness laboratories at Boise State is PE major Karma Osburn with Dr. Robert Murray monitoring her progress. New laboratory equipment available this year will include high speed camera, graphic digitizer, and computer.

By Jocelyn Fannin

The biomechanics, physiology and fitness laboratories at Boise State will be revitalized this year by the addition of equipment valued at about \$37,500.

The equipment, including a high speed camera and a computer, is designed to analyze and improve physiological performance and fitness and to assist in stress and injury screening and rehabilitation.

Open houses to tour the expanded laboratories now located on the second floor of the BSU gymnasium will be conducted later this fall when all equipment has been received, according to Dr. Bill Bowman, chairman of the BSU Department of Health, Physical Education, and Recreation.

The laboratory will be moved to the women's locker room area in the gym after completion of the BSU Pavilion next spring.

The new laboratory equipment, some of which is still enroute from manufacturers, will include an eight millimeter high speed camera, capable of filming 250 frames per second. A projector, built to focus a clear image with no flicker one frame at a time, will record data points such as the precise angle of an elbow joint. A graphic digitizer will illustrate micro-seconds of movement dictated to it by a computer on a four by six foot screen.

An expanding field in the U.S., biomechanics, known as kinesiology or the study of motion, is the scientific analysis of human movement and its efficiency. It is often coupled with the high speed filming of individual performances under competitive conditions in an effort to improve individual athletic performance.

"A highly skilled athlete—a shot putter, for example—may have one performance factor missing. The higher the skill level, the smaller the differences are," said BSU biomechanics instructor Ross Vaughn.

Athletes and others can now be filmed with the new BSU camera, and that film can be digitized on a graphic table, frame by frame. The traced movements will then be fed into the computer for analysis, and factors affecting performance, such as a joint displacement, can be traced and perhaps remedied, Vaughn said.

Physical Education classes in kinesiology now required for all PE majors will be enhanced by the new laboratory facilities, Vaughn said.

"In the past this has primarily been a lecture course. The new equipment will provide classwork that is not just out of the textbook, but that is in a "hands-on" situation," he said.

The expanded laboratory will definitely update BSU's athletic training education program, said director Ron Pfeiffer.

About 200 coaching majors and students with coaching and athletic training minors, as well as about 20 physical therapy and pre-medical students, will use the laboratory.

"Now we can test muscle strength, power, and endurance. Schools that don't have any access to this help produce the highest accident ratios. We'll be able to look at a lot of preventative medicine and injury screening. The machines will allow us to diagnose strength imbalances. That way we can identify athletes who are vulnerable to muscle stress," Pfeiffer said.

"The bulk of our laboratory work is in evaluation of strength and endurance and in rehabilitative exercise. We work with the athletes here at BSU, where under the supervision of a physician, we are able to rehabilitate most of the injuries that we see.

"Before now, we haven't been able to do too much with the laboratory because we lacked the equipment," he said.

According to Dr. Robert Murray, who teaches kinesiology at BSU, last year's equipment inventory at the laboratory included a treadmill with monitoring equipment, an iso-kinetic rehabilitation device to control speed of movement, and a stationary bicycle, used for testing aerobic capacity and the cardiovascular and pulmonary systems.

The treadmill and an electrocardiogram machine had been loaned to the department by the BSU respiratory therapy program. The department had also purchased some equipment from St. Alphonsus Hospital at a reduced price. That purchase included a pulmonary function unit and a three-channel electrocardiogram machine.

"But that's a long way away from a basic physiology lab. Now we'll be able to move ahead," Murray said.

The department hopes that as the laboratory continues to expand, its services can be made available for BSU staff, students, alumni, and area businesses.

A lot can be done, according to Pfeiffer, Murray, and Vaughn. Potential services to the public could include diet and weight control programs, measurement of oxygen consumption, cardiovascular response, injury screening, and fitness and pulmonary function testing.

They hope also to coordinate laboratory services with other BSU courses in nursing, respiratory therapy, and psychology.

Among the proposals listed by Murray in a prospectus to redefine the role of the physical education laboratories was a faculty-staff-alumni fitness program

including.

- hydrostatic determination of percent body fat
- physiological measurement of aerobic fitness
- evaluation of strength, flexibility and power
- exercise stress testing
- cinematographic-biomechanical analysis of skills

Murray feels that the laboratory could provide interested persons with such services as exercise prescriptions, weight control programs, blood workups, total fitness evaluations, dietary advice, and periodic retesting.

"Many large corporations in the U.S. have fitness and preventive education courses and exercise and testing equipment for their personnel. We would like to offer those services, too," Murray said.

Program approved

The BSU undergraduate athletic training program has been accredited by the National Athletic Trainers Association (NATA).

Approval for the Physical Education Department athletic training option was awarded in July, following an on-campus visit earlier this year of NATA officials.

The accreditation recognizes the BSU program as among the top athletic training courses in the West, according to Gary Craner, head BSU athletic trainer, and himself a member of the NATA board of directors.

Ron Pfeiffer directs the Boise State athletic training program, which will next be evaluated by NATA in 1985-86.

BSU faculty holds development day

Returning BSU faculty and staff members preparing for the beginning of the 1981 fall semester attended a day-long series of professional development workshops Aug. 24.

The workshops, "Professionalism and Excellence at the University: A Collegial Commitment," were taught for the second year, not by outside experts, but by BSU faculty and staff members.

BSU's use of this professional development in-house concept was featured in the "Ideas" column of a recent edition of *The Chronicle of Higher Education*.

The teachers were also presented with a volume of papers written about teaching by BSU educators. The papers, bound in a looseleaf so that later publications can be added, were printed by the Faculty Development Committee with funds provided by the Northern Rockies Consortium for Higher Education.

"We hope that these initial offerings will stimulate some thought, reflection, and experimentation. We hope, too, that it will stimulate additional articles on teaching and learning, for we intend this notebook to be a growing resource of thoughts about, and techniques of, college teaching," said the committee, led by chairman Ben Hamblen, in an introduction to the publication.

Among the articles published are:

- Sociodrama: Bridge to Communication and Problem-Solving*, by Elizabeth Baker, nursing
- Video Taping: A Multiple Objective Project*, Richard Baker, sociology
- Writing Thought-Provoking Objective Test Questions for College/University Classes*, Clair Michael Bowman, teacher education
- Role Playing in the University*, Dennis J. Donoghue, political science
- Freeing the Learner from the Classroom through Programmed Learning*, George Jocums, foreign languages
- Creative Teaching: Simulations Games*, Judy Johnson and Virginia Nehring, nursing
- Tavistock Theory in the Classroom*, Virginia Nehring, nursing
- Lecturing*, Carol Seddon, allied health studies
- Writing for Professional Publications*, Molly Young, nursing

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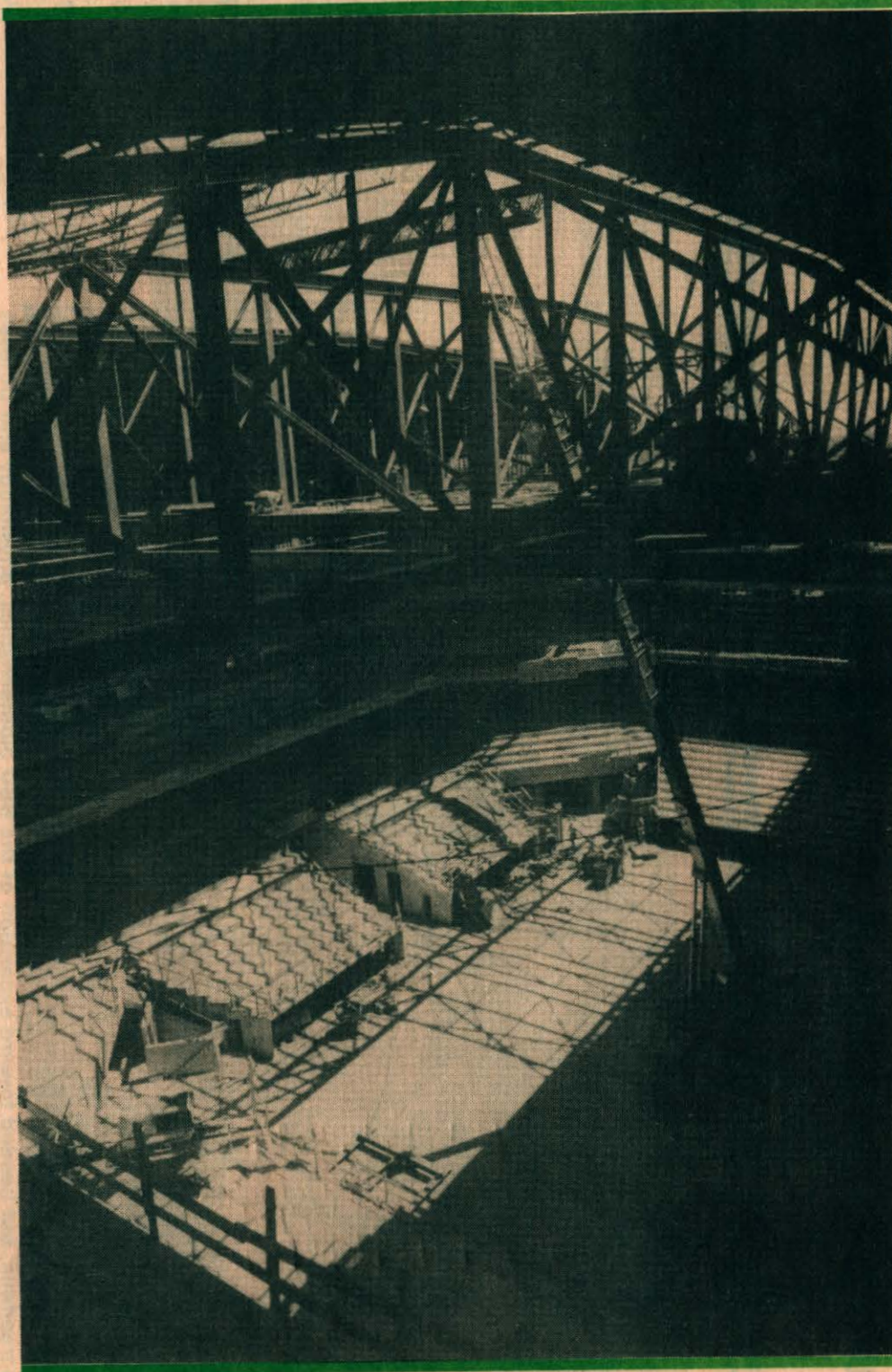
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Pavilion progresses