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ON THE RISE

An unidentified worker moves steel reinforcement prior to cement being poured for the third level of Boise State's four-level, 650-space parking structure. Construction on the $4.5 million project began last September and is expected to be completed this summer. Chuck Scheer photo.

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Insiders react to Boise State's "Real Education for the Real World" slogan.

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ABOUT THE COVER: The “real world” means different things to different people. To many in the Boise State community, it refers to the “real education” students receive because of the university's location in the state capital as well as its proximity to corporate headquarters, high-tech businesses, cultural centers, major hospitals and a vast expanse of wilderness. But not everyone agrees that the university’s “Real Education for the Real World” slogan is an apt depiction. In this issue, FOCUS looks at the slogan’s message and highlights some programs that do provide real-world experiences. Illustration by Bill Carman.
BRONCO BRAND
By Charles Ruch, President

Recently, the Boise Metro Economic Development Council hosted a visit by David Birch, the president of Cognetics Inc., an economic development think tank based in Cambridge, Mass. Over the last two decades, Birch’s company has tracked the business fortunes of thousands of companies.

“From this database, he analyzes the factors related to business success, area economic development and quality of life. The focus of his presentation was on economic development in the new economy characterized by e-commerce and high-tech companies. Birch is “bullish” on the Treasure Valley; Cognetics recently rated Boise 20th among 124 mid-size cities as a hotbed for entrepreneurs.

Music to a president’s ear was Birch’s ringing endorsement of quality education at all levels as being absolutely central to continuing regional economic development. He went as far as to assert that Boise State University was key to the valley’s economic future. Only a handful of people were fortunate enough to hear Birch’s remarks. Here is the excerpt that pertains to Boise State:

“Boise State, particularly with a new engineering school here, is the magnet — the chief attribute or chief asset that you have to work with going down the road in a knowledge value economy.

“That is where knowledge comes from. That is where entrepreneurs come from. That is where people go to be trained. When they are working at an HP or Micron, that is where employees continue to increase their knowledge. That is your fountainhead, if you will, of a knowledge economy.

“If the government shrinks the budget of Boise State, the corporate sector ought to stand up and double it. On their own. I can’t imagine not doing that. Every city that is succeeding today is doing that. In many cases, it is coming from corporate as well as public support.

“If I were to exhort you to do anything, it would be to go to work on Boise State, and not just support the engineering school, with all due respect. It is a great achievement, but I would work on the liberal arts as well. I wouldn’t just work on technology — I’d make it the finest university that I could in any way I could. That would be an enormous calling card for all entrepreneurs who want to attract skilled workers to your region.”

As you can see, expectations are high as we move into the 21st century. Coincidentally, this year the university is updating its strategic plan. The original plan, issued in 1994, is out of date in some respects and needs revision. Much of the plan has been accomplished or activities are under way to meet agreed-upon goals.

We are comfortable with our four long-range goals:

• Managing growth while preserving and enhancing access.
• Enhancing academic quality and reputation.
• Improving management and administrative functions.
• Developing the university’s human resources.

Our revised plan will include needed next steps, planned initiatives and anticipated activities in support of our goals over the next five to six years. A team is working with the provost to gather and analyze environmental and internal information. A draft report will be available for review and comment by the university community by late spring.

Of significance in our “environmental scene” is the increased number of institutions (public, private, and for-profit) offering higher education in the Treasure Valley. In 1990 there were less than 10; this year there are 33. Birch isn’t the only one who identifies higher education as being central to the valley. Other institutions see it as an opportunity. Boise State University can no longer plan or operate as if we were the “only game in town.”

Boise State has always enjoyed a strong working relationship with our two private sister institutions — Albertson College of Idaho and Northwest Nazarene University. We enjoy several cooperative programs with these institutions. In a similar vein, we work with our sister state institutions in cooperative programs delivered in Boise. Relations are strong with the College of Southern Idaho in Twin Falls. Yet, a growing number of institutions offer higher education programs in the Treasure Valley. That number can be expected to grow in the years to come.

In a sea of higher education institutions, most of which have similar characteristics, how does one become distinctive? What are our “value-added characteristics?” What sets Boise State University apart from other institutions of higher education either in the valley or beyond? Can we develop a Bronco Brand?

I have argued that the following characterize our institution:

• Quality teaching and scholarship.
• Accessibility to programs, courses and services.
• Strong ties to the community, both in support of our activities and in the involvement of students and faculty in the life of the community.
• A commitment to make higher education play an even greater role in every citizen’s life.

This issue of FOCUS highlights recent efforts to develop a greater sense of who we are now and who we will be in the future. These efforts will help us finalize the strategic plan that will guide us during the first five years of the new century. All of the university community has a stake in the outcome of these discussions.

A draft of the strategic plan soon will be available for review and comment on our Web page.

I hope the topics identified in this issue of FOCUS will stimulate your thinking about Boise State University’s present and future. We welcome your reactions.

As always, I can be reached by phone at 208 426-1491 or by e-mail at cruch@boise state.edu.
Intel chief executive Craig Barrett, center facing camera, was on campus in late January to speak at the dedication ceremony for the new Micron Engineering Center.

**BOISE STATE SETS ENROLLMENT RECORD**

In what has become a familiar pattern, Boise State continued to set enrollment records this spring when 15,987 students registered for classes, the most ever for a spring semester and 155 more than one year ago.

This is the ninth consecutive semester that Boise State has posted an increase in its enrollment from the previous spring or fall. The university's growth over the past four years makes it the fastest-growing four-year institution in Idaho.

This spring Boise State enrolled 13,534 undergraduate students, 1,584 graduate students and 869 applied technology students. Those figures include the university's outreach programs in Twin Falls, Canyon County and other locations.

Enrollment decreases between fall and spring semesters are not unusual, says Mark Wheeler, dean of enrollment services. Last fall, Boise State enrolled 16,216 students, 229 more than this spring.

"Many students decide to return to the work force after the fall semester. We try to minimize the difference between fall and spring ... each year is different," says Wheeler.

Six years ago Boise State had almost 1,400 fewer students in the spring semester than the fall. But last year, the university gained students in the spring.

"We can serve everyone's needs better when we operate efficiently — consistent enrollment from semester to semester allows that," Wheeler says.

**UNIVERSITY PLANS FALL START FOR ENGINEERING MASTER'S**

Boise State's fledgling College of Engineering took another step forward in its development when the State Board of Education authorized the university to offer master's degrees in engineering.

The January vote came only three years after Boise State opened the doors to its engineering college.

The new degree features majors in civil, mechanical, electrical and computer engineering. Fifty students are projected to enroll when the first courses are offered next fall, with enrollment expected to reach 150 within five years.

"This is the next step in the maturation of our College of Engineering," says Boise State Provost Daryl Jones. The program will contribute directly to the work force needed to continue the development of Idaho's high-technology sector, he adds.

"Local industries clearly need advanced educational opportunities in order to attract and retain their highly talented employees. And many companies won't move to a location that lacks opportunities for their working engineers to obtain at least a master's degree," Jones says.

Engineering Dean Lynn Russell says the curriculum for the degree has been developed and the college will hire at least four additional faculty who will assist with the startup of the program. Courses will be offered in the late afternoons and evenings as well as during the day.

The addition of a master's degree also will have a positive impact on the overall quality of the engineering programs, Jones says, because undergraduates can learn from more experienced graduate students and collaborate on research projects.

Last summer, Boise State's undergraduate programs in civil, mechanical and electrical engineering reached a milestone in their three-year history when they were nationally accredited.

**BOISE STATE WEST FUNDS REQUESTED**

As FOCUS went to press, Boise State's $3.5 million request to complete the infrastructure on a satellite campus in Canyon County was pending final approval by the Idaho Legislature.

The measure passed in the House of Representatives, but had not been considered by the Senate. If approved by the Legislature, the request must be signed into law by Gov. Dirk Kempthorne.

Infrastructure work is already under way on a portion of the new campus, known as Boise State West. That work is funded from a $2 million appropriation approved by the Legislature two years ago.

The money requested this year will allow the university to complete construction of streets, water and sewer mains, power and telephone corridors, irrigation and drainage systems, a pedestrian bridge and landscaping on the remainder of the 150-acre site.

If the request is approved, the university plans to use $500,000 to hire an architectural firm to draft plans for the first building, which will feature a mix of administrative, student service and academic spaces.

With the university's current Canyon County Center and main Boise campus already crowded, the university plans to put the first building on a fast track for completion by 2005-06. The university plans to request funds for the building, estimated at $9.8 million, in subsequent legislative sessions.

The Legislature also approved a higher education budget that will allow Boise State to maintain its current operations, with an approximate $1.6 million in "workload adjustment" funds to hire additional faculty and staff to accommodate the university's recent enrollment growth.

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EDUCATION DEGREE OFFERED ONLINE

Education and high-technology have merged at Boise State to form an education master's degree that can be earned entirely online.

The university's educational technology master's program, which is administered by the College of Education, has added an online option, which mirrors the on-campus courses but allows students outside southwest Idaho to take classes via personal computer.

According to Carolyn Thorsen, professor of education and program director, the program provides graduates with the skills to be technology coordinators or technology integration specialists for an entire school district or a single school.

Currently, about 20 of the 100 students in the program are taking courses online. Thorsen says online students include two from Saudi Arabia and one each from Maryland, Georgia and Washington state.

The educational technology master's program has been offered at Boise State since 1992. Students in the program have the option of earning a master's by attending classes at the Boise campus, taking classes online or a combination of the two.

If a student wants to upgrade his or her high-tech skills with special training, but doesn't want a master's degree, the program also will offer a technology integration specialist certificate, pending State Board of Education approval.

The educational technology master's is the second at Boise State to offer a graduate degree entirely online. The College of Engineering offers a master's degree in instructional and performance technology using the same method.

GARRETT NAMED EDUCATION DEAN

Joyce Garrett, associate dean for administration and academic affairs at Indiana University of Pennsylvania, was named dean of the College of Education in March.

Garrett will assume her new position on July 1, pending approval by the State Board of Education.

Garrett earned her Ph.D. in curriculum and instruction at the University of Oregon.

"Dr. Garrett brings to her new position a record of expertise and engagement in teacher education reform and renewal as well as the utilization of technology to enhance student learning," says Provost Daryl Jones.

Glenn Potter has served as the college's interim dean since former dean Bob Barr stepped down in June 1998.

Garrett has also served as an assistant to the dean and associate professor of education at Gallaudet University in Washington, D.C. She also taught at Cal State, Chico and Weber State.
Genius

New York exhibition unveils inner world of deaf artist James Castle

By Janelle Brown

Could deaf, self-taught Idaho artist James Castle read and write? An exhibition at the American Institute of Graphic Arts in New York City, curated by Boise State English professor Tom Trusky, proposes that Castle could — but that he chose not to.

"Reportedly Illiterate: The Art Books of James Castle" is on display through May 12 at the Institute's Fifth Avenue gallery. Trusky, who has extensively studied Castle's life and work, also presented two introductory lectures when the exhibition opened in late March.

"I think James Castle was brilliant. His life is inspirational," says Trusky. "I want the world to know about him."

Castle was born deaf in Garden Valley in 1899, and from an early age created art from materials at hand. When he was 10, he was sent to the Idaho School for the Deaf and Blind in Gooding, but was expelled during his first year, reportedly for being uneducable. His family was urged to keep art supplies from him and instead teach him to speak, sign or finger spell.

Castle never learned those skills. But he did establish his own system of visual communication in hundreds of illustrated books containing luminous drawings and mysterious codes, glyphs, pictograms and letterforms. He made his own ink from soot and saliva, pens from sharpened twigs and sticks, and created his work on any papers he could find, from old postal forms to butcher and wrapping paper.

Castle has gone from obscurity to eminence since his death in Boise in 1977. His work is now found in leading galleries and archives, including the Museum of Modern Art in New York City, and his pieces sell for as much as $50,000.

Trusky's extensive research has led him to conclude that Castle was indeed literate, but that he chose other forms of communication instead. "It's clear that Castle did understand the concept of reading and writing and words," Trusky says. "But in part because he couldn't process spoken language, Castle relied on visuals. He had a very sheltered and basic lifestyle, but he was extremely inventive and creative."

Trusky points to the artist's creation of a "printer's mark" on
his books and his experiments with brands and month names in some of his works as evidence of his ability to write. He also signed his name to a number of his works. "For complex or abstract thought, though, Castle seldom relied on the written word and resorted instead to visual symbols and words," Trusky says.

Castle loved word games and letter play as much as crossword addicts or Scrabble players, Trusky adds. While he could undoubtedly read, "he may have had a limited vocabulary," Trusky says. He was also fascinated with at least the appearance of order, such as the sequence of the alphabet and numbers. Castle created entire books of sketched numbers and letters. He also cut numbers and letters out of books, magazines and newspapers and pasted them down, page after page, in his books, Trusky says.

Did Castle understand mathematics? "While we do not see instances of algebra in Castle books, we do see him showing off, using numbers and the number of visual objects to enumerate chapters. Whether this was for the artist's enjoyment or our puzzlement, we do not know," Trusky says.

"Reportedly Illiterate" is sponsored by Boise State's Idaho Center for the Book and the AIGA. It features translations of Castle's early "Icehouse Books," so-named because the books were found stuffed in the walls of the family icehouse when the building was being dismantled in 1970. They are the only works by Castle that can be accurately dated, for they were created between 1911 and 1924, when the Castle family moved from Garden Valley. The exhibit also contains other Castle books that contain images and codes that Trusky says still mystify him. Visitors to the exhibit are encouraged to try their hand at deciphering these books.

For Trusky, the New York exhibition is an opportunity to introduce Castle's books to a wider audience. "The reason the books are so important is that they are the earliest art form of Castle's that has survived," says Trusky. "He developed his techniques here. When you look at this exhibit, you'll surely be aware of his genius."
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CENTANNI NAMED FIRST RECIPIENT OF STATEWIDE AWARD

By Janelle Brown

Citing his contributions both at the university and in the community, the Idaho Academy of Science named Boise State University biology professor Russell J. Centanni as the recipient of its inaugural award for Distinguished Science Communicator.

The statewide award, presented recently at the IAS annual meeting in Twin Falls, is the first in a new annual program to recognize an outstanding science communicator and an outstanding scientist/engineer in Idaho.

Jerry Christian, a chemist at the Idaho National Engineering and Environmental Laboratory, was honored as the first Distinguished Scientist/Engineer.

“I’m thrilled to be selected,” says Centanni. “I enjoy what I do, and it’s great to have peers who also do these things offer me this kind of recognition.”

Now in his 27th year at Boise State, Centanni specializes in medical microbiology and immunology. In addition to his university classes, Centanni has addressed hundreds of groups around the state on topics ranging from HIV/AIDS to foodborne illnesses and other health issues.

Centanni is a founding director and board member of the Idaho AIDS Foundation and served on the committee that produced the HIV/AIDS curriculum adopted by the Boise School District. He produced and appeared in several educational videotapes on AIDS for use by employees and students and wrote the AIDS/HIV information handbook for employees and students at Boise State that is in use today.

The Idaho Academy of Science was established in 1958 to further the cause of science and science education in Idaho. Its members include scientists and engineers from Idaho's public and private universities and colleges, private industry and government.
FIRST EXCHANGE STUDENTS ARRIVE

As part of an agreement established last fall with the Instituto Tecnologico y de Estudios Superiores de Monterrey, Boise State is hosting two engineering students from Mexico this semester. They are the first exchange students to come to Boise through this program.

ITESM is located in Jalisco, Idaho's sister state in Mexico.

Marcela Soltero and Karla Mendez, 20-year-old juniors in industrial engineering, are taking three classes and an internship this semester.

The students are using their time at Boise State to take business courses that will provide them with a solid background when they return to their engineering curriculum at ITESM.

"The business part of our program can be applied to anything, so we could work in banks, hospitals or factories when we're finished," Mendez says.

The purpose of the exchange is to build on Idaho's relationship with Jalisco through education, says Stephanie Hunt, director of international programs at Boise State.

This semester, Boise State business major Taylor Mossman is studying at ITESM. In the future, not only will more students from both business and engineering have the opportunity to study in Mexico, but faculty members will be able to exchange as well.

In terms of engineering, ITESM is on the cutting edge of technology. The opportunity for professors from two very different universities to share ideas will be mutually beneficial, Hunt says. □

ART HISTORY DEGREE FIRST IN IDAHO

Boise State has become the first university in Idaho to offer a degree in art history.

The program will combine existing university core courses, foreign language courses and art history courses to provide students with an academic path toward a degree designed more for educators, curators and businesses professionals as opposed to studio artists. The program will begin this fall.

Over the last four years, the Boise State art department has reallocated faculty positions and funds with the goal of strengthening its art history offerings. As a result, the number of art history faculty members has doubled to four and art history courses offered has increased from five to 21. □

BOISE STATE GRAD JOINS FIRST CLASS OF MITCHELL SCHOLARS

Recent Boise State graduate Mikela French has been selected as one of only 12 students to receive a new scholarship that supports postgraduate study in Ireland or Northern Ireland.

The scholarship, named after former U.S. Sen. George Mitchell, is similar to the Rhodes Scholars program that sponsors students to attend Oxford University in England.

French will receive an $11,000 stipend as well as additional funds to travel throughout Ireland, the United Kingdom and Europe.

French, who graduated in December with an English degree, is working at the Boise Contemporary Theatre Company until she leaves for Northern Ireland next fall to enroll at Queen's University in Belfast, where she will study for a master of arts degree in Irish studies.

French compiled a lengthy resume of achievement while a student at Boise State: student senator, reporter for BSU Radio, NASA/Idaho Space Grant Consortium Scholar, and volunteer for the Boise City Theatre Company and the Discovery Center of Idaho. She also organized "Nourishment for the Soul," a ballet program at a Boise homeless shelter.

For her master's thesis she will research the history of Charabanc, a Belfast theater company that operated for a decade ending in 1995.

French plans to write her master's thesis about the company and later produce a feature-length radio program using interviews with the actors and excerpts from their plays.

The scholarship, named to honor Sen. Mitchell's contributions to the Northern Ireland peace process, is funded by the Irish government and several other donors. Students were selected for the program based on academic performance, commitment to service and potential for leadership.

French will join graduates from Harvard (two), Georgetown, Penn State, Trinity, Wesleyan and Washington universities, Colorado, Case Western Reserve, North Carolina State and UCLA.

Like the Rhodes, the Mitchell scholars were selected after a lengthy interview process.

The committee included Ireland's current ambassador to the United States, a former American ambassador to Ireland, several university professors and a college president. □
MSW RECEIVES REACREDITATION

Boise State's master of social work program has been reaccredited by the Council on Social Work Education.

The council's seal of approval confirms that the program meets national criteria established for curriculum, faculty qualifications, research, library holdings and other factors.

In Idaho, licensure for social workers is granted only to graduates of accredited programs.

Boise State is the only school in Idaho that offers an accredited MSW degree. Four other schools in the Northwest offer accredited programs. Thirty-five full-time students are enrolled in the two-year program at Boise State.

The accreditation decision came after the School of Social Work conducted a self-study and hosted a site visit by a team from the CSWE. Boise State's master's program was initially accredited in 1995.

FOCUS RECEIVES REGIONAL AWARDS

Art professor Bill Carman's illustrations in FOCUS magazine received a gold medal in competition sponsored by the Northwest district of the Council for the Advancement and Support of Education (CASE).

Carman won the award for illustrations that were featured on the covers of the spring and fall 1999 issues, as well as in the feature section of the winter 1999 issue. Carman also illustrated the cover of the current FOCUS issue.

Boise State also won two bronze awards — FOCUS writer Chris Bouncef for "Small Steps," a feature story about social work students that ran in the spring 1999 issue, and Larry Burke and Janelle Brown for copy written for a series of advertisements that ran in the Idaho Statesman prior to the Crucial.com Humanitarian Bowl in December.

The district membership of CASE includes most colleges and universities from Idaho, Montana, Oregon, Washington, Alaska, British Columbia, Alberta and Saskatchewan.

S-A-S ANNOUNCES ONLINE SALES

Select-a-Seat, the Treasure Valley's primary ticket agency since 1983, is now selling tickets on the World Wide Web at www.idahotickets.com.

The fee for online orders is $2.50 in addition to the price of the ticket.

Select-a-Seat currently serves the major venues in the greater Boise area including Bronco Stadium, The Pavilion, the Bank of America Centre, the Idaho Center and the Morrison Center.
An international research center designed to promote statistical methods in science and engineering has been established at Boise State University. A $1 million donation will support the center. The Edwin T. Jaynes International Center for Bayesian Methods and Maximum Entropy will be the first of its kind in the world.

Bayesian statistics attempt to apply Bayes theorem—which allows one to calculate odds and other statistics when new information is developed—to practical problems. The areas of application range from signal processing to thermodynamics. Maximum entropy is a theoretical method used to develop data when little information is available. Image enhancement of unclear astronomical and medical images can be clarified using these methods.

John Parker Burg, a retired scientist and entrepreneur from Cupertino, Calif. donated the $1 million after Microsoft purchased Entropic Inc., an international computer software firm specializing in voice synthesizing that was co-founded by Burg. Part of the center's function will be to help pay for an annual international conference on Bayesian methods.

Gary Erickson, chair of the Boise State electrical engineering department, will serve as center director.

MANELINE DANCERS WIN NATIONAL TITLE

For the second consecutive year, the Boise State University Harvey Neef Maneline Dancers captured first place in Division I of the dance/pom competition at the United Spirit Association. The national competition was held earlier this year in Las Vegas.

The national collegiate championship marks the third time that the Boise State group has won the crown. Along with last year's crown, the Maneline Dancers also won the dance/pom title in 1993.

UCLA was second and Southern Utah University finished third in the competition.

Coached by Boise dance instructor Julie Stevens, the Maneline Dancers provide halftime entertainment at Bronco athletic events.

The Maneline Dancers competed against 13 other teams from around the nation in their division.

In addition to their three national titles, the Maneline Dancers took second in 1992, third in 1991 and fourth in 1990 in the USA dance/pom competition.

Boise State President Charles Ruch poses with the Maneline Dancers, coach Julie Stevens and their national championship trophy after the group won its second straight title.

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CONSTRUCTION ON RECREATION CENTER SLATED TO BEGIN IN MAY

Construction is about to begin on a project that will transform a neighborhood block south of University Drive into a new student recreation center.

The 87,000-square-foot building will be located on the block across University Drive from the Student Union parking lot. The site was formerly occupied by an auto body shop and several residences purchased by the university last year.

Construction will begin in May, with completion set for July 2001.

The $12.6 million project was supported by the last five student body presidents, who cited the need for additional facilities where students could exercise, recreate and learn lifetime sports.

“A university without a recreation center is at a handicap when recruiting and retaining students,” says Joyce Grimes, director of the center. “Recreation relieves stress — the center will be a haven to relax.”

The new center will feature an array of attractions that includes a 35-foot climbing wall, four racquetball courts, rooms for strength and cardiovascular equipment, a multipurpose gym with room for three basketball courts, an indoor running track and activity rooms for aerobics, martial arts, dance and other uses.

Built on two levels, the interior will feature ample use of glass walls so patrons can see the activities in various rooms.

“We are trying to make a space that reaches out and grabs you — that creates interest as you walk through it,” says Larry Blake, director of facilities planning.

In addition to the fitness areas, the building will include a short-term day-care center and the Outdoor Rental Center currently located in the Student Union.

An entry plaza at the northeast entrance could be used for receptions, fitness fairs and other outdoor activities, says Blake.

The center will be open to students, staff, faculty and alumni, Grimes says. “The center will provide a social atmosphere where these groups can interact with each other.”

The building was designed by Design West of Nampa and Yost, Grube, Hall of Portland.

As part of the project, the university has requested permission from the Ada County Highway District to vacate Vermont Street between University Drive and Belmont Street in order to build a pedestrian avenue and link the recreation center site with Boise State’s Physical Plant offices.

OUTDOOR TENNIS CENTER IN THE WORKS

Yet another new structure will grace Boise State’s campus in the next few years: a new outdoor tennis center.

The athletic department kicked off a fund-raising campaign in late January with the announcement that Steve Appleton, chairman, president and CEO of Micron Technology, will donate up to 10,000 of his personal shares of Micron stock if the university can raise matching funds. The donation will pay for approximately half of the center’s projected $2 million cost.

Dubbed “The Appleton Challenge,” the campaign calls for donations of cash, materials and in-kind gifts over the next year.

The complex, while still in the planning stages, will include six courts and stadium seating for 1,200 spectators. It will be built on the current site of Boise State’s outdoor courts, located just west of The Pavilion. If the fund-raising campaign is successful, construction could begin in early 2002.

Jim Moortgat, head coach of the men’s tennis team, says the center will raise the profile of Bronco tennis, providing the teams with a variety of new opportunities.

“The facility will provide Boise State with the opportunity to host the NCAA regional tournament sometime in the next few years, and it will also increase our ability to recruit top players,” he says.

At the press conference, Appleton, a member of the Bronco tennis team from 1978-82, credited the university as the place that provided him with the skills he needed to get to where he is today.

“I’m very proud of my association with Boise State. This is my small way of contributing back, of showing I’m grateful for what this university provided me.”

President Charles Ruch says the new tennis center will help provide campuswide focus on a sport that rarely garners much attention. “Tennis is a sport that people can play all their lives. Not only will the outdoor facility benefit the tennis teams, but also the entire campus by providing a place for classes and recreation. The outdoor tennis center will enhance the experiences of all students at Boise State.”

The Bronco men’s and women’s tennis teams have enjoyed some exceptional results in the past 10 years. The men’s team, which was ranked fifth in the country at the end of the 1997 season, earned five straight conference championships from 1993-97, adding a sixth in 1999. The women’s team came on strong in the mid-1990s, winning Big Sky crowns in 1995 and 1996 and Big West titles in 1997 and 1998.

“We are thrilled to accept the donation and challenge presented by Steve Appleton,” says athletic director Gene Bleymaier. “We are grateful for alumni like Steve who give back to the community and the university.”
3 WRESTLERS EARN ALL-AMERICA HONORS

Led by two-time All-American and 157-pound runner-up Larry Quisel, the Boise State WRESTLING team finished in 12th place at the 70th annual NCAA National Championships in St. Louis in March. Quisel was one of three Bronco wrestlers to earn All-America honors at the meet.

Quisel lost 4-2 to Brett Matter of the University of Pennsylvania in the 157-pound title match. It was the second straight year that Quisel earned All-America honors in his weight division. Last year after an opening-round loss, Quisel, a senior from Livingston, Mont., won eight straight matches to finish third.

Quisel is joined by fellow All-Americans Kirk White at 165 pounds and Cash Edwards at 184 pounds. White, the 165-pound champion at last year’s national tournament, took fifth. The senior from Tacoma, Wash., was plagued by injuries throughout the season. Edwards, a sophomore from Tacoma, took seventh in his weight division.

The trio’s accomplishment marked the first time that three Boise State wrestlers earned All-America honors at the national tournament.

The 1999-2000 season wound up being one of the most successful in Boise State wrestling history as veteran coach Mike Young guided Boise State to its first Pac-10 wrestling title on the strength of three individual championships. Boise State outscored runner-up Arizona State 133.5-125.5 to claim the crown. Quisel, K.C. Rock at 125 pounds and Rusty Cook at 197 were the Broncos’ individual conference champs.

In other winter sports news:

The GYMNASTICS team successfully defended its Big West title with a school-record 196.225 points at the conference meet in Logan, Utah, in March.

Larry Quisel, in blue, finished second in the nation.

The 1999-2000 season with a 12-15 overall record. In WOMEN’S BASKETBALL, the Lady Broncos finished third in the Eastern Division of the Big West Conference with a 7-7 league mark and a 14-14 overall record. Boise State will host the NCAA National Championship Finals in The Pavilion in mid-April.

In INDOOR TRACK AND FIELD, senior Jarred Rome placed 11th in the shot put with a 60-3 effort at the NCAA Indoor Championships in Fayetteville, Ark., in March. He set a school record with a 62-5.50 throw earlier in the year.

In WOMEN’S BASKETBALL, the Lady Broncos finished third in the Eastern Division of the Big West Conference with a 7-7 league mark and a 14-14 overall record.

Boise State lost to Long Beach State 70-65 in the first round of the league tournament.

Senior post Stephanie Block earned first-team All-Big West honors, sophomore forward Crista Peterson earned honorable mention and guard Abby Vaughan was named to the all-freshman team.

In MEN’S BASKETBALL, Boise State failed to earn a berth in the Big West tournament for the first time in its four-year affiliation with the conference. The Broncos finished 6-10 in league play and 12-15 overall.

Sophomore forward Abe Jackson was named second-team All-Big West and senior forward Justin Lyons earned honorable mention.
The real world? Boise State senior and single mother of three Jazmin Boutelle can tell you all about the “real world.” Her real world is a time-consuming and demanding juggling act of school, parental duties, work, political involvement and volunteerism. Boutelle, 25, works part time as an office assistant for the university’s public policy and political science departments. She also serves as a campus tour guide and represents Boise State at various university functions as a student ambassador.

Last fall she completed an internship with Idaho Legal Aid Services, where she built the nonprofit agency’s Web page and tried her hand at grant writing. This semester the Irvine, Calif., native is serving another internship — this one with the Idaho Hispanic Caucus during the current legislative session.

She’s also a certified first aid and CPR instructor for the American Red Cross and is working to bring Spanish CPR courses to Canyon County.

In the meantime, Boutelle is mulling whether to go on to law school (she’s applied to three so far) or enter Boise State’s master of public administration program after she graduates with her political science degree in May.

In this section, FOCUS looks at why Boise State decided to use “Real Education for the Real World” as its slogan and some of the reactions to that decision. We also highlight some of the academic programs that best illustrate the university’s message.
Yes, Boutelle is well-acquainted with the “real world.”

Which is the main reason she attends Boise State — and why she values the applied nature of the educational opportunities the school has provided her. From Boutelle’s perspective, Boise State has given her, as the university’s new marketing tag line puts it, a “Real Education for the Real World.”

The slogan, approved by the university administration last fall, is used on television spots, posters, brochures and related marketing/recruiting materials.

In marketing parlance, the slogan is a way of “branding” Boise State by focusing on the university’s proximity to a larger community — one that is awash in opportunities for students to mesh their classroom lessons with “real-world” experiences that can be found through internships, research projects, work, participation in political or social causes, volunteerism or any number of other activities where students interact with the community.

“It captures our character — it captures our goals and objectives of what we want our students to be,” says Provost Daryl Jones. “And in the end it highlights our strategic advantage. For if you look at a lot of other institutions, they aren’t positioned to offer these real-world experiences. Or if they can, it’s very inconvenient.”

“I think it’s really on target,” says Boutelle of the slogan. “Part of the reason I transferred to Boise State from Idaho State was because living in Boise offered me more job opportunities while I was going to school. All three Idaho universities are outstanding, but BSU simply provides more opportunities. To me, that’s the real world; that’s why I think the slogan
For some, however, the slogan is little more than a marketing ploy that falls short of describing the university.

Social work major Katie McIntyre, for example, says she is concerned that the message tends to emphasize areas such as applied technology while it gives short shrift to the liberal arts and general education.

"I realize it's difficult to come up with a saying that would encompass everything the university is trying to convey," says the junior from Twin Falls, "but it still tends to promote one area of the institution as opposed to others. I don't think it's a very cohesive message."

"To me, it promotes the image of everyone from Idaho being a farmer, and that all we do is teach people how to run tractors and things like that. I think the slogan definitely limits us."

Slogans are mere words, catchy phrases often used to distinguish the apparent superiority of one product over another. And while some academicians may bristle at the thought of their "product" being associated with cheap commercialism, there are certain economic realities facing Boise State — realities that have the university’s leaders taking a closer look at the school’s need to differentiate itself from other institutions.

Jones points to two of those realities. First, he says, is the recent proliferation of other educational providers in the Treasure Valley. Second is the technological revolution that allows any school anywhere to offer academic programs via personal computers and other modes of distance learning.

With those two developments alone influencing Treasure Valley residents’ educational choices, Jones says Boise State cannot afford to be complacent, to merely sit back and expect students to automatically line up and matriculate at the local university. "We have been aware for some time that our traditional monopoly in the Treasure Valley is being challenged," he says.

Despite the challenges from these new competitors, Jones believes Boise State has a distinct strategic advantage, the underpinnings of which stem from the university’s long history of meeting the Treasure Valley’s real-world needs. It's an advantage that can be best summed up with yet another slogan (this one provided by the real estate profession): location, location, location.

Unlike its competitors, Boise State is a metropolitan university fringed by wilderness and the natural environment. That location, says Jones, is not only the fundamental shaping force of the university's character, but also the primary reason it maintains a competitive edge over other schools that have entered Boise State's market.

Was there a predominant opinion among the university's faculty and staff when the slogan was unveiled?

In general, says Bruce, the internal response was nearly imperceptible. "There really wasn't much reaction at all," he recalls. "I don't recall a strong pro or con response either way."

"I don't think there was any reaction," adds Mark Floyd, OSU's director of news and communication services. "There wasn't any tremendous outcry one way or the other."

So why did it last only a couple of years?

"When we hired a new marketing director [in 1996], she wanted her own thing," says Bruce, "and frankly, she didn't have a good working relationship with the ad agency. They fired us as a client."
PROF: SLOGAN HURTS OUR IMAGE

By Peter Wollheim

I find the slogan explicitly anti-intellectual — it dichotomizes academic and "life" in such a manner as to reflect a total capitulation to the realm of commerce and marketability and discourages students from taking their studies seriously except from a "bottom line" perspective.

There's nothing more real than reflection; activity on its own, especially marketplace "getting and spending," can only lead to an undignified, unbalanced, spiritually shallow life unworthy of a human being.

Moreover, there's nothing more real than older, more experienced people mentoring and teaching the younger generation. Most societies recognize and honor this as an essential human function. It's a truly perverted and historically myopic view which subsumes teaching — not just training — to the supposedly "real" task of accumulating wealth, power and status.

These three provide the necessary, but not sufficient conditions for the kinds of long-term, creative explorations that allow our society to grow and flourish. Without a firm grounding in theory, the life of the mind becomes stagnant and too rigid to recognize the possibilities and dangers inherent in the dynamic and hence unknown future.

The slogan also suggests a kind of moral toughness, a paring away of "frivolous" activities that usually get dismissed as "pure academics." To use a now-cliched term, this represents a seriously polarized and hence dysfunctional view of the relationship between theory and action, as though the two exist apart from each other in any kind of realm of absolute difference.

It's embarrassing that the university would even consider adopting such a slogan.

Peter Wollheim is a professor of communication.

Oregon State eventually replaced "Real Education for the Real World" with a new one: "Open minds. Open doors."

So did either slogan work? Was one more effective than the other?

Hard to say, answers Floyd. But he says one thing is certain: Enrollment at OSU is up. Four years ago, the Corvallis school's enrollment was at a 30-year low at 13,700.

"Since then, enrollment has steadily increased; this fall we're at 16,091," Floyd says, "and our projected enrollment is supposed to surpass that. The issues are complex and there are many factors involved. Whether the slogans had a role, I'm not too sure."□

"Because we have this real-world laboratory, we are able to emphasize a lot of applied learning that other institutions find more difficult to offer," he says.

As a result, adds Jones, the university operates an extensive internship program, places health science students in an array of clinical settings, and works closely with area schools to place future teachers.

"The very fact that we have this real-world laboratory around us also gives us the opportunity to excel in certain areas of research. This wouldn't be true if we weren't located here," Jones adds.

There is some evidence that the public agrees with the "real-world" description of Boise State. In a recent independent poll, Idaho residents were asked if they agreed with the statement that an education at Boise State is "more practical and related to the real world" than education at other Idaho universities. Statewide, 55 percent agreed while 18 percent did not; in Ada County, 69 percent agreed and 17 percent didn't.

But not everyone has bought into the concepts behind the slogan (see box above). Biology professor Russ Centanni calls it a "Pepsi Generation-type slogan" while political science professor John Freemuth questions what "real" education is.

Centanni adds that he has mixed feelings about the slogan "because one might ask what kind of education was it before. As for the 'real world' concept, that is something I have fostered for all my 29 years of teaching. The theory and practice of each subject or discipline must provide for the graduate to function in the 'real world.'"

While the slogan is applicable to his discipline, Freemuth believes the university is trying to paint a picture with too broad a brush. "We certainly have lots of [political science] folks engaged in working in an applied setting and doing good things," he says. "But we have folks doing more theoretical stuff well, too. That matters also."

Other faculty are even more critical in their assessment.

"It misleads the public about what a university is," remarks English professor Tom Trusky. "As phrased, the slogan suggests BSU is not concerned with either the future or the past, that we are not concerned with understanding how and why we are, what and where we are, nor are we concerned with what we might become."

Says English professor Sean O'Grady, "Slogans are what I expect from used car salesmen, Madison Avenue marketers and real estate agents. I do not expect to hear slogans from those who are concerned with higher education."

Used the wrong way, the slogan could suggest the wrong image, Jones says. "While we want to emphasize our strategic advantage, we don't want to neglect the strong liberal arts foundation and the need to encourage critical thinking skills," he says. "We have to be careful that the university doesn't lapse into pure vocationalism and that we maintain a solid grounding in liberal arts education and general education."

That's why it's crucial that the proper image is conveyed, says Jones. "When we talk about real education for the real world, we have to use examples from disciplines where the message is clear," he says. "When we show the TV ad with [chemistry professor] Susan Shadle working with students, I don't have any fear that the public is going to misinterpret that. If we choose the right examples, we can show that we're talking about a higher order of skills and their applications."

But at the same time, Jones says Boise State must continue to stress the value-added experience it can offer that other schools can't.

Boise State President Charles Ruch agrees. "We are not a place where you come and stick your nose in a book for four years," he says. "The opportunities here extend beyond the classroom. We have internships, service learning, faculty-student research, international opportunities — all available to any student in any discipline. A collegiate experience here in the 21st century is more than going to class. It's taking the class and moving what you have learned out into the real world and trying it out."

"Our model of a university is based on what's mean to the area's population and how critical we are to the local quality of life."

The Boise States of the world, Ruch asserts, are the schools that can provide students with the "real-world" education they need to thrive in the fast-paced environment of the new century.

"The 21st century is the kind of century for this kind of university," he states. "We are the right institution for the right time." □
By Janelle Brown

Boise State computer science professor Jim Buffenbarger has a bit of a dilemma. He'd like to discuss software configuration management with students in his upper-division programming class. But the subject, which deals with how large groups of engineers work simultaneously to build programs used by computers, is so new and changing so fast that college textbooks barely mention it.

The situation, and it's a common one in computer science, is initially frustrating. But Buffenbarger isn't about to throw up in defeat. Instead of breezing through the textbook's perfunctory explanation, Buffenbarger relies on his up-to-date computer science, is initially frustrating. Buffenbarger adds.

The joint professorship is the brainchild of Provost Daryl Jones, who saw it as a way to help ensure that Boise State students were well-prepared to enter the work force.

"It's doing exactly what I'd hoped," says Jones. "It's helped us maintain an ongoing link with local industry and it's provided us with an avenue for our computer science students to stay current on new developments in their field."

Buffenbarger says he likes the variety that his job offers and the chance to share what he's learned on campus at HP, and vice versa. "If I were to work at one place or the other, it would be too much the same," he says.

Jon Kent, a senior majoring in computer science, says he appreciates the real-life perspective Buffenbarger brings to the classroom. "He's very aware of what's going on in the market because he's in the market," Kent says.

Geology student writes guide to Castle Rock

By Janelle Brown

On any sunny weekend, dozens of people hike the well-marked trail that snakes behind the Old Idaho Penitentiary to the summit of Castle Rock east of Boise. Thanks to the work of a Boise State student, those hikers soon will have the opportunity to learn some natural history along the way.

Tobe Weatherly, a senior geology major, is writing a guidebook for the Castle Rock area. With the guide in hand, hikers will be able to walk the trail and read about geologic features along the way.

"This area is so close to town, but there are many questions about its geology," says Weatherly. "I was interested in conducting research and also in writing a guidebook that anyone could use."

Weatherly has spent about 100 hours studying rock outcroppings along the trail and taking measurements. She'll use the data to write her senior thesis and will then interpret it in lay terms for the guidebook.

It's a lot of work — but Weatherly remains enthusiastic. She became interested in the project after taking a sedimentology and stratigraphy course taught by geology professor Walt Snyder.

"I just loved it," Weatherly says about Snyder's class. "You look at the area from a very different perspective after you've studied it. It's like a big puzzle, and you're trying to find clues about the past."

Walk with Weatherly on the Castle Rock trail, and her expertise is apparent. She points to wavy lines near the bottom of an outcropping where a river once flowed, a jumble of rocks that is a fault line, and the sedimentary remnants of a lake bed. The rock at the top of this outcropping is from the same formation as the summit 300 feet above, Weatherly says.

Weatherly will include this stop in her guidebook, along with many others. She plans to complete her project this summer. The guidebook will be available for a nominal cost at the Idaho Museum of Mining and Geology located near the trailhead.

"This is real science. This is what actual geologists do all the time," Weatherly says of the research that is behind her guidebook. "It's great preparation for my career."
SMALL BUSINESSES GET BIG HELP FROM BOISE ST. INTERNS

By Chris Bouneff

roduction and operations management major Tiffany Hughes has friends in internships who are learning about their host businesses while also making small contributions to the overall operation.

Hughes, on the other hand, is an integral part of her host business as she creates an operations manual for BizPrint in downtown Boise during her internship, doing a detailed job normally reserved for a paid consultant.

Mike Willits, a general business major, is helping e-netegrations write and execute an international marketing plan so the small business, which helps other companies build wireless workplaces, can expand into Asia.

Justin Van Slooten, an international business major, is researching and writing a marketing plan so that Fiberglass Systems, which manufactures molded bath products, can better target international markets.

And they’re all being paid $12 an hour for their 15 hours of work per week while they gain valuable experience and make valuable contributions to their host companies.

The three Boise State students are participants in an innovative internship program made possible by a $54,000 two-year grant from the Kauffman Center for Entrepreneurial Leadership.

The highly competitive program matches students with Boise-area small businesses for 10 weeks. The catch is, the businesses, which can’t exceed 250 employees and $50 million in sales, have to provide internships that provide students an opportunity to work on specific projects or take on tasks applicable to the business.

In exchange for their labor, the students receive the stipend and gain a chance to absorb what entrepreneurship is all about. And they have a true opportunity to apply their classroom knowledge in a real-world setting.

The Kauffman program started last summer with 10 carefully selected students and businesses. This spring, 30 students competed for 12 spots.

Bob Shepard, who is with the Idaho Small Business Development Center at Boise State and who oversees the program, says the students and businesses benefit from the Kauffman arrangement.

Tiffany Hughes has charted BizPrint’s organization for company president Cahill Jones.

"From the students’ perspective, it’s one thing to be in the classroom," Shepard says. "It’s totally another thing to be in the field putting these principles to work. Ultimately, that’s what they’re going to have to do after graduation."

From a business perspective, the students add a fresh voice to the operation, Shepard says. "The students come in and start asking questions and make the business owners stop and think."

Small businesses involved are sold on the program.

E-netegrations agreed to host Willits after he walked into the conference room and helped CEO Britt Bambic sort through receipts from a recent trade trip to China. Willits, who lived in China for two years, is proficient in mandarin Chinese.

"That first day when they had all those receipts laid out, Britt impressed me," Willits says. "He talked to me like the survival of this company depended on what I did."

And, as with many small businesses, e-netegrations’ survival could depend on even an intern such as Willits. His language and cultural insights are helping him craft a marketing plan that will serve as the company’s blueprint for doing business in Asia.

But the 25-year-old senior also recognizes that he’s there to learn.

"In the long term, yes, I’d like to own my own business," Willits says. "My short-term goal is to cram all the information I can."

That information includes the advantages of owning a small business — flexibility and a sense of accomplishment. But he also sees the day-to-day struggles. Some days, the company’s entire focus is reduced to getting any business in the door to improve cash flow — pressure that Willits feels even in his temporary position.

"I’ll judge whether I’m successful on whether I make them money," he says. "I think about that every day — how can I make them money?"

For Hughes, the match with BizPrint was a perfect fit. BizPrint is a printing and graphics business with 11 employees, and if one person leaves, company President Cahill Jones says he loses an entire department.

Jones wanted an operations manual that described how each piece of machinery, from the high-speed copier to the bindery, worked.

The company started the task but soon learned that the staff didn’t have the expertise to finish it. Hughes, with her academic background in production and operations management, knew what to do, and with help from her faculty adviser, she’s near the end of her project.

Jones is confident that the final product will be done on time and done well, and Hughes knows now that she’s ready for graduation.

"This was a tough challenge," she says. "In the real world, if I have to meet deadlines for a plan or documentation, I know I’ve already done it."
OLD TROLLEY LINE LEADS STUDENTS ON HISTORY LESSON

By Chris Bouneff

This spring, the students are delving into the past of Boise's Interurban trolley system that connected portions of the city with the entire Treasure Valley from 1889-1928.

The trolley first caught Casner's attention late spring when another of his classes studied the history of Morris Hill Cemetery and how the Bench area developed.

The class discovered that early in Boise's history, the privately owned trolley was the only reliable way to transport caskets and mourners to the cemetery.

Casner decided the trolley itself, and how it affected development across the valley, was worthy of further study.

In his role as professor, Casner picks the topic, guides the students through the planning process and provides tips on where to look for information. Then it's up to the students to discover the undiscovered—in essence to be the front-line researchers in a quest for stories from another era.

To research the trolley, they've read newspapers from the period, interviewed those in the community who remember the trolley, combed through the Idaho Historical Society archives and searched the archives at Idaho Power Co., the last owner of the trolley before it shut down due to financial losses.

"The students go out and actually create the history," Casner says. "They have to get into the archives and newspapers and interpret photographs. That itself creates the story."

Late in the semester, the students will compile their work and start the process of telling a coherent story from the tidbits each dug up. Casner eventually will use his own research and the students' findings to write papers and manuscripts that will credit the students for their contributions.

Casner says this type of class serves several purposes. The format engages students. They become personally involved, which boosts how much information they retain. Students also gain a new perspective on history itself—that it isn't static but alive and ready to be discovered, molded and interpreted.

As students unearthed information, they learned that legacies of the trolley remain even today, Casner says. For example, Boise's North End developed as it did because of the trolley. A line looped through the area and connected it with downtown, and its shopping and employment, which allowed families to build homes and help the North End grow.

For 25 years, the trolley also served as a lifeline for the Treasure Valley, connecting communities between Boise and Caldwell, Coulter says. People shipped their commercial goods into Boise by trolley, and the trolley opened shopping and other economic opportunities to towns such as Star, Middleton and Nampa.

Where the trolley line ran often dictated the location of future transportation corridors and future commercial and residential growth. And the trolley's rise and demise provide clues as to problems the valley may face as it investigates mass transit to ease traffic congestion.

Such information is pertinent today. But Coulter also unearthed findings that reveal how far the community has come. When the trolley first started, she says, Boise had mud streets and board sidewalks. To conserve energy, the first electrical street lighting system lit only on moonless nights.

For Lusina Heiskari, a junior history major, the class directly relates to her chosen career. She'd like to become a freelance historian, similar to a group of historians who formed the Arrowrock Group in Boise.

Compared with a traditional class "this type of class is almost more work," she says, "because you have to do the research instead of reading what someone else wrote."

But she says it's worth it.

"I just like that we're working on our own, but we still get together to collaborate," Heiskari says. "If this were my job, this is like what I'd be doing."

Casner says that in addition to specific skills for budding historians, students also learn key research skills and understand that many problems they'll face as professionals will require a look into the past to frame current issues.

"We're trying to allow people to create history—to understand that it applies to every walk of life," he says.
STUDENT TEACHERS BENEFIT FROM MENTOR PROGRAM

By Chris Bounneff

When his time came, Jeremy Dennis was thrust into student teaching. He spent a week observing a classroom at one school and started student teaching shortly after at another. He didn't know the teacher, he didn't know the kids and he spent as much time trying to get his bearings as he did teaching the class.

And the kids could sense he was fresh meat, says the ninth-grade U.S. history instructor at West Junior High School in Boise.

Now 30 years old and with five years of teaching under his belt, Dennis is serving as a mentor teacher to Boise State graduate student Mariann Hawkins.

But Hawkins has an advantage that Dennis didn't as she started her student teaching this spring.

She's already spent 150 hours in the classroom, having joined Dennis as an observer and assistant in August. She knows the kids and knows the school. She's assisted with some lessons, helped with the girls' basketball team and watched other teachers. When she began her student teaching in March, she could concentrate entirely on teaching.

"In the old system, you just get thrust into the classroom," says Dennis, "and it's horrible for student teachers. For Mariann, it's not such a shock."

The extended observation hours are a key component of teacher education reform at Boise State that calls for prospective teachers to spend more time in the schools to see firsthand the marriage of educational theory and actual education.

The College of Education has run a pilot program for graduate students, called Curriculum Connections, for the past two years. Starting next year, however, all secondary education students will be required to spend 150 observation hours in the classroom.

A similar program is being developed for prospective elementary teachers, says education professor Scott Willison, co-director of Curriculum Connections.

Willison says the program's goal is to provide students more time with their mentor teachers in a real classroom environment, giving them a chance to see what teaching is all about before they start student teaching.

For Hawkins, the long warm-up was welcome. She had the opportunity to see Dennis in action and compare what she learned at Boise State to what is possible in a real classroom.

By the time she took the reins to student teach, she knew how to manage the classroom, how the school bureaucracy works and how to adjust lesson plans on the fly.

"And I knew the kids," Hawkins says. "I felt fully prepared to come in."

Grad student Chris Johnson says he needed the classroom exposure. He spent 20 years in the private sector as a geochimist and knew he wanted to teach science. But he hadn't been in a junior high classroom since his own days as a student.

Johnson was matched with John Labbe, a ninth-grade earth sciences teacher at Fairmont Junior High in Boise. Since the start of the academic year, Johnson has spent a full day in Labbe's class once a week.

Johnson has watched Labbe in action and talked about philosophies with the 12-year veteran. He's learned the adjustments teachers make over time and period by period. He even taught for a week and worked with the school's science club.

"I would have been ill-prepared had I not had those prior 150 hours," Johnson says of his start as a student teacher. "I would not have come into the classroom knowing how to appropriately communicate at the kids' level. I'd have been coming in blind."

During his first week as a full-time teacher, he was able to stroll through the classroom, stand on a chair to get the students' attention, and draw detailed diagrams on the white board to introduce a new section on the solar system. Rather than stumble with names and lesson plans, he concentrated entirely on engaging the students.

And in today's atmosphere, teachers need their full concentration on teaching.

In Labbe's first period class, Johnson has to teach a mishmash of students — some doodling, some taking notes, one whose hand shoots up with every question, and another who has a detached glaze in his eyes.

It's a challenge even for veteran teachers and can be overwhelming for student teachers if they're not prepared, Labbe says.

And that's the point of requiring education students to spend more time in the schools, Willison says. Student teaching should be about teaching rather than how to take roll. That way, when students graduate and take on their own classrooms, they're ready, he says.

New junior high science teacher Chris Johnson feels better prepared after spending 150 observation hours as a student teacher.
When they teach their students, they can reach into that knowledge and bring alive their lessons by talking about their experiences.” Barnhardt can cite dozens of examples, but he points to the Selland College's horticulture program as another model of applied learning in a real-world setting.

Last fall, the program moved into the Guard House of the Old Idaho Penitentiary Historical Museum and began a working relationship with the nearby Idaho Botanical Garden.

“What our horticulture students have is a living lab,” the dean says. “The students can walk 50 feet [to the Botanical Garden] and into an environment that gives them real-world experience.”

And it’s unlikely that the college’s 38 programs will lose touch with the outside world anytime soon. Barnhardt says the college is well aware that it must maintain a close relationship with local industry in order to provide appropriate and responsive training for its students.

To keep pace with industry changes, each of the college’s programs has a board of advisers. “These board members lend their expertise to help us make curriculum adjustments and also to keep us aware of what is going on in the workplace today,” says Barnhardt.

“Our advisory board is quite honest with us about our curriculum,” adds Jozwiak. “If our members see a change that they think is necessary, they don’t hesitate to tell us. That allows our program to respond to our local high-tech industry quite well.”

Jim Jozwiak, background, uses Boise State’s clean room to provide up-to-date instruction.

SELLAND COLLEGE FEATURES FACULTY WITH EXPERIENCE

By Bob Evancho

When Boise State says it provides its students with a “Real Education for the Real World,” the university can point to semiconductor manufacturing technology instructor Jim Jozwiak as a faculty member who delivers the goods.

“I have something to offer my students with my experience,” says Jozwiak, who joined the Selland College of Applied Technology’s SMT program last fall after 12 years as an engineering manager with Intel. “The feedback I get from students is that they appreciate the insights I’m giving them.”

Jozwiak is typical of the Selland College’s instructors, who, like him, try to provide up-to-date instruction and applied learning for working adults who must keep up with the ever-changing technical workplace.

“Jim has an unbelievable background,” says Larry Barnhardt, dean of the Selland College. “He is someone who has the breadth and depth of experience from his education and recent work experience at Intel.”

As an SMT instructor, Jozwiak prepares students for jobs as entry-level semiconductor manufacturing technicians. Through lectures and lab work in Boise State’s clean room, the SMT program provides training in electronics, robotics, pneumatics, radio frequency, vacuum, instrumentation and related concepts that can lead to an associate of applied science degree.

The availability of an on-campus clean room is a key factor in the students’ training, says Jozwiak. Students who complete the program, he says, should possess more than just the basic skills to work in a high-tech clean room assembly line.

“You can have somebody work in a clean room who just pushes buttons, or you can have someone who has developed an understanding of what is going on,” he says. “That kind of technician can participate in improvements, troubleshooting and making the overall process work better.”

“What Jim does as an instructor is in line with what our college is doing as a whole,” says Barnhardt. “The value of our faculty is that they are steeped in real-world experience.

Horticulture students with program head Leslie Blackburn, center, in their “living lab” at the Idaho Botanical Garden.
Kristel Nelsen speaks pretty good Spanish. But the international accounting assistant with the J.R. Simplot Co. knew she’d need more than conversational skills to conduct business at the company’s avocado processing plant in Morelia, Mexico.

“I wasn’t very familiar with business terminology in Spanish,” explains Nelsen, who works for Simplot’s food group division. “I wanted to learn more before I visited the plant for the first time this spring.”

So Nelsen enrolled in a Spanish for Business class at Boise State. The class, taught in Spanish, covers business terms, letter-writing etiquette and protocol. It also delves into the cultural differences between the United States and Spanish-speaking countries — differences that if ignored, can hamper business transactions.

Nelsen credits the class with helping her to hone her Spanish business skills. “Before I started the class, I’d have to use selected words to convey what I meant, because I didn’t know the right word,” she says about her phone conversations in Spanish. “Now, my questions are more direct.”

Nelsen is looking forward to her upcoming trip — and she feels prepared. “I have inventory issues to cover, and the person I’ll spend most of my time with speaks very little English,” Nelsen says. “But I think I’ll be able to communicate effectively.”

Communication is key to business, regardless of where a company is located or the kind of product or service it provides. One way Boise State helps students prepare is through language classes that focus on business issues.

The introductory and advanced classes in German, French and Spanish for business provide students with tools they need to succeed in international business situations.

According to Florence Moorhead-Rosenberg, modern languages department head, the classes are especially popular with students who major in international business or marketing and earn a minor in French, German or Spanish for business.

While English is generally considered the language of international business, expertise in another language is still extremely useful, adds Mark Buchanan, director of Boise State’s international business program.

“A student with language skills, and additionally business language skills, is just that much more marketable,” he says.

Noal Fisher, a senior majoring in international economics, enrolled in a French for Business class because he’s interested in someday working in France for a multinational company. “I figured it would broaden my vocabulary,” says Fisher.

One of his class projects was to create a mock business in a French-speaking country. Fisher developed a plan for selling a Slurpee-type drink in France. He found the assignment challenging, in part because regulations governing businesses in France and the United States are very different.

“Making contact is crucial. That’s just the type of insight French professor Isabelle Constant hopes her students gain from the class. “France is much more bureaucratic,” says Constant. “In France, when you register a business, you have many different categories.”

Constant covers business protocol, discusses current events and delves into some of the cultural differences between the U.S. and France.

For example, Constant tells her students that anytime you phone someone at home in France, you must first excuse yourself for disturbing them before proceeding. “It’s considered very rude to just begin talking,” Constant said. “These things may seem small — but they’re very important.”

German professor Heike Henderson has her students write resumes and participate in mock interviews as part of her German for Business class. She discusses how German unification and introduction of the Euro have affected business and how business contacts would like to be addressed.

“It’s a little more formal in a German business setting. In America, we often use first names right way, but people in German-speaking cultures would really be insulted by that,” Henderson says.

Spanish professor Mike Fulton pays similar attention to details in his introductory and advanced Spanish for Business courses. In Spanish-speaking cultures, personal contact is crucial. “Making business contacts over the phone or through the mail only goes so far,” he says. “To close a deal, you’ll need to visit a person.”

Like other languages, Spanish contains many nuances, Fulton adds. That means you can’t just translate an English expression such as “If I can be of further service, don’t hesitate to call” in a letter to a Spanish-speaking client and have it make sense. “In Spanish, there is a different way of expressing this,” Fulton explains.

Fulton and others who teach the courses say they hope students leave the classes with a new perspective on the global workplace.

“Even here in Boise, 1,500 miles from the border, there are opportunities to use these skills,” Fulton says.
NURSING STUDENTS DEVELOP SURVEY TO AID REFUGEE CARE

By Justin Endow

Boise State nursing student An Ha remembers trying to adjust to a new language and culture after she immigrated to the United States from Hong Kong.

Eleven years later, Ha is helping others in similar, but more dire, circumstances.

Through a partnership between Boise State, the Mountain States Refugee Center and a local physicians’ clinic, Ha and another Boise State senior, Maggie Fisher, are working to improve the medical care provided to hundreds of Boise’s Bosnian refugees.

For their nursing leadership senior project, the two students are developing a survey to evaluate the efficacy of the health care the refugees are receiving.

The results will help physicians more effectively assist those who need medical attention.

“It’s important that we understand how challenging the refugees’ situation can be,” says Fisher.

“As health care practitioners we need to keep in mind the changes in social and political systems they’re dealing with as well as the language and cultural barriers.”

Of immediate concern to the clinic, and to Fisher and Ha, is helping the Bosnians better understand how to access health-care services in the United States. The refugees come from a socialized system, so when confronted with a system requiring so many different avenues to access health-care providers, they struggle to determine what they should do to get the care they need, Fisher says.

The refugees’ cultural perspective varies from American cultural practices on a broad range of health-care issues — from attitudes towards general illnesses to care of the elderly. Those differences only fuel the need to test the adequacy of the communication between physician and patient, says Fisher.

Case in point: When a physician prescribes a medicine for a specific ailment, the patient takes the medicine based on his or her understanding of how and why it should be taken. The survey will be given to both the physician and the patient, who will answer the same questions about the visit and the prescription.

If the patient’s understanding of how and why the medication should be taken differs from the physician’s perspective, then changes need to be made in terms of communication.

“If we can improve the effectiveness of the communication so that the patients have a good, clear comprehension of the physicians’ treatment recommendations, they’re much more likely to continue with the prescription,” Fisher says.

Improving the communication between physician and patient also will help to avoid misdiagnoses, adds Ha.

The students’ work so far has been mostly background research to learn about the refugees’ culture, the Bosnian health care system and ways to effectively communicate with the refugees despite the language and cultural gaps.

“In developing the survey, we need to work diligently to ensure that the way we ask questions adequately conveys our intended meaning for the question,” Fisher says.

“This doesn’t concern just the physician and the patient, but also the translation,” she adds.

One of the primary problems in communicating between two different languages is finding skilled translators who know not only the two languages, but also the nuances of cultures and the connotations of certain words and expressions, Fisher says.

“Languages don’t always translate exactly,” she says. “So interpreters must understand both cultures so that meaning remains the same during the translation.”

Some of Fisher and Ha’s research has included interviewing the refugees themselves, as well as caseworkers who deal with the refugees on a day-to-day basis.

“Talking with the refugees has been much more revealing than the literature,” says Ha. “Receiving feedback from several sources has been extremely valuable.”

The survey is slated for completion in April, when it will be used at a pilot clinic for three months. Fisher and Ha will not handle the survey’s implementation, but Fisher says that the survey should function well no matter who is administering it.

Even though they will not have the opportunity to see the project through to completion, both Fisher and Ha have found the experience far more beneficial than they expected.

“This project has helped me realize how little I really know about cross-cultural interactions,” Fisher says. “It broadened my awareness and increased my level of compassion for people.”

“We can understand how difficult this situation is for them,” Ha adds. “And now I can see the experience of resettlement from both the immigrant and health-care perspective.”

An Ha, middle, and Maggie Fisher, right, discuss their perspectives concerning physician-refugee communication with Kathy Gardner, director of Mountain States Refugee Center.
PROFESSOR SENDS ECOLOGY STUDENTS INTO COMMUNITY

By Patricia Pyke

The environmentalist slogan “think globally, act locally” doesn’t go far enough for Dave Greegor, an adjunct biology professor at Boise State and a water resources planner for the state of Idaho.

“Global and local problems are really interrelated,” says Greegor. “You can act globally.”

That’s the message he delivers to the students in his global environment class — that their individual actions can have far-reaching effects. For example, raising funds for an environmental organization could directly result in preserving rain forest land in South America and slowing species extinction.

Greegor, who regularly commutes to work by bike, practices what he teaches. As a board member for Portland-based Northwest Earth Institute, he has set up about 50 study groups in Boise businesses and homes, where participants explore lifestyle simplification and ecology.

INTERNS MEDIATE DISPUTES THROUGH SOUNDING BOARD

By Chris Bounenff

In Boise State’s dispute resolution program, students learn the finer points of bringing parties together and working with them on common solutions to problems. And through the Sounding Board program, students are able to put that classroom theory into action as they mediate real disputes between real people.

Sounding Board, operated through the university’s Conflict Management Services office, provides internships for students taking the 12-credit regimen to earn their certificate in dispute resolution.

The students mostly work with disputes between neighbors, says Randall Reese, the program’s director and a graduate student in communication. The interns take the original call, assess the situation and approach the offending neighbor to participate in mediation.

The parties then come together and negotiate a solution with the help of the student and Reese, who is a trained mediator. The process works, Reese says, in nine out of 10 cases.

“People are pretty reasonable if you give them a place to work conflict out,” he says.

Students also work in Ada County’s small claims court, where each Wednesday and Thursday they’re available to mediate disputes before the parties go before a judge to have a solution ordered upon them. For Joshua Wickard, a senior sociology major who plans to attend law school next fall, the program teaches him the skills he’ll need as an attorney. The trend in legal circles is to seek mediation before entering the courtroom, he says.

But Wickard says the mediation tools he’s learned also apply to other walks of life, which is a reason the certificate program and Sounding Board attract majors from across the university, including business and political science.

“Being able to identify issues and negotiate with another person is key to any field you want to go into,” Wickard says.

Wickard says he even had the chance to practice his skills in everyday life when his car was towed recently. Rather than get angry, he calmly showed that his car was improperly impounded.

“When it’s your own conflict and you’re able to pull these skills together, it’s powerful,” he says.

To motivate his students, Greegor recruits local experts to speak to his class on environmental and ecological topics, including Linda Dunn from Planned Parenthood on population consequences and Ed Cannady from the U.S. Forest Service on wilderness land.

Greegor also sends his students into the community to spread environmental awareness to others.

One of Greegor’s students, Kathleene Fletcher, who will graduate in May with a degree in early childhood education, designed a program to teach kindergarteners how the quality of air, water and habitat affects plants, animals and people.

“I’m hoping to show them how it all works together; if any one of those things becomes unusable by pollution or by depletion, the whole system falls apart,” says Fletcher, an assistant teacher in the kindergarten class at the Boise State Children’s Center.

Fletcher reinforces those concepts in the children’s writing, art, reading and play activities.

Fletcher and Greegor are optimistic that planting the seeds of environmental awareness in younger generations will produce healing changes for the Earth.
Vietnam occupied Napier's inclination to globe-trot since 1994.

ACADEMICS WITH A FOREIGN FLAVOR

By Chris Bouneff

Business professor Nancy Napier remembers her father going off to Vietnam as an Army adviser when the country was still a blip on the American public's scope. And she remembers him coming home with a bleak assessment: We can't win.

It sounds corny, and Napier admits she dislikes corny, but she says her father's trip sparked her interest in international business. Why fight at all?

"I had that worry about him going off and fighting a war and not coming back," Napier says. "A lot of us are in international business to get to know people as people and not as adversaries."

This interest has led Napier, director of Boise State's international business program, across the globe. She studied overseas in college, worked for a company that did overseas consulting and eventually decided to join the academic world to study how others do business internationally.

She joined Boise State in 1986 after earning her Ph.D. at Ohio State University. The management department chair and College of Business and Economics dean at the time both encouraged her to build an international business program.

The process started with developing a minor and then a bachelor's degree. Today, the program is a driving force in the college, having secured a federal grant last year to create the Center for Global Entrepreneurship, which promotes academic research and exchanges and assists local small businesses with exports.

Napier was a rarity when she first broke into the field as a consultant in 1975. International business held a low profile at best in academia, and a woman in business was an infrequent sight.

But Napier says her tack into the international scene was smooth sailing. As a consultant, she remembers a trip to Japan to give a presentation to 200 executives—all male. They received her as an oddity, but they also respected her because she had the expertise they sought.

"I was perceived as being so odd," she says. "Yet I had this knowledge they wanted, and if you have information they want, they'll put up with you no matter what you look like."

In fact, she never experienced choppy water until she heard from her female students. Their male professors, the young women told Napier, counseled them to forget any hopes of working overseas. As women, they wouldn't be taken seriously.
There was that spark again. Was Napier's successful reception in Japan and elsewhere unique or commonplace?

The question led her and a Portland State University colleague, who also succeeded in international business, to survey women working abroad in China, Japan, Turkey and other countries to learn about their experiences and how they are treated.

"Students were saying, 'Our professors tell us it's impossible for us to work in international business,'" Napier says. "We got tired of hearing that. We had done it, so we decided to go talk to other people."

Napier found that her experience is more the norm than not, especially in Asia.

It's still not easy for women. They often face discrimination based on their gender or their foreign status. In Japan, for instance, males are more prone to harass foreign women, Napier says. But women often have opportunities overseas to prove themselves based on knowledge and skills without gender playing a factor, she says.

In 1994, a spark struck again, this time in the land to which her father once advised leaders on military matters.

Vietnam's economy was booming, and the country needed business educational offerings that were more market-oriented than communist doctrine had allowed.

Through a chance introduction, Napier was asked to visit Vietnam and help with a program designed to train a new crop of Vietnamese business educators at the National Economics University in Hanoi. A short visit in April 1994 turned into a formal offer — would Boise State be willing to offer its MBA program at NEU?

Napier helped organize the program at Boise State's end, seeking business faculty to teach in Vietnam and Boise State administrators willing to help NEU establish an administrative infrastructure so the university could develop its own business school.

By 1997, Boise State became the lead contractor on the project to advise NEU on its business school, winning a three-year, $3 million contract.

Napier says she may have learned some of her biggest lessons during her travels to Vietnam.

"Personally, she learned about a world where people wondered whether they'd have electricity when they woke up each morning and whether they'd have hot water if they had water at all."

Professionally, she also learned about a world on the verge of a new economy and about people working under adverse conditions, by U.S. standards, trying to adapt market-oriented concepts to their culture.

The project officially comes to a close this summer, and Napier hopes that as NEU takes over, it can complete work on its brand of Vietnamese business school. As for Napier, she'll take a sabbatical next year to write about her experiences from a professional and personal view.

And after that, what's next? She glances to a map of the world on the wall. "Burma. Burma needs our help desperately."
RUSSIAN PHYSICIST COLLABORATES ON RESEARCH PROJECT

By Janelle Brown

A collaboration between a Russian Academy of Sciences theoretical physicist and a Boise State University chemistry professor has yielded groundbreaking research and proposals for further joint studies.

Semen Semenov, a member of the prestigious academy in Moscow, recently completed six months at Boise State working with chemistry professor and department head Martin Schimpf on research funded by the National Research Council.

The two scientists developed a working model for predicting how polymers in solutions — elongated molecules with repeating structural units suspended in liquid — move, or diffuse, when one end of a sample is cooled and the other end is heated so that there is a temperature gradient between them.

Their work has many practical applications for developing new polymers, which are found in plastics, paints, lubricants and many other common items.

For Schimpf and Semenov, the collaboration was an opportunity to approach a research question from very different perspectives, and to learn from each other.

"Thermal diffusion is very complicated," Schimpf explains. "I had conducted experiments, but I couldn't model what I was observing. Semen has the skills to describe what we believe is happening in mathematical terms."

Instead of following the standard protocol of developing a theory and then conducting experiments to prove it, the two scientists took a more interactive approach, where both theory and experiments determined the direction of their search.

The scientists first met in 1991 when Schimpf presented a paper at an international conference. Semenov, who had developed theories involving the movement of polymers in an electric field, was intrigued with Schimpf's research.

The two scientists communicated via e-mail. Then, in fall 1999, a national research grant brought Semenov to Boise State.

Semenov says he's enjoyed his visits to Boise and the opportunity to focus on a single research project. "In Moscow, I am working on a number of projects," he says. "The week after I return home, I leave again for a conference in Belgium."

Boise reminds Semenov of his native Ukraine "although the weather here is softer." In his free time, he explored Boise's Foothills and hiked in the

RUSSIAN PHYSICIST SEMEN SEMENOV, LEFT, AND BOISE STATE CHEMISTRY PROFESSOR MARTIN SCHIMPF DISCUSS AN EQUATION. SEMENOV RECENTLY SPENT SIX MONTHS AT BOISE STATE COLLABORATING WITH SCHIMPF.

NATIVE AMERICAN CULTURE INSPIRES HAIKU POETRY BOOK

By Justin Endow

Boise State education professor and poet Jamie Armstrong borrowed a page from Native American culture to help him write his new book of 12 Japanese haiku poems.

"I began studying haiku about two years ago," says Armstrong. "And I learned some time ago that Native Americans named the full moons. So, I decided to write one poem during each lunar cycle, and I found that experiencing the seasons as I wrote helped bring out the imagery."

His work didn't stop there. Armstrong was actively involved in the creation of the collection he titled Moon Haiku, from marketing the book right down to threading and knotting the bindings.

And in between working on this labor of love and teaching classes, Armstrong also found the time to write a more scholarly book. Reading Tools for College Study is one of the primary texts he uses in his reading and study skills course. The college textbook is based on the "Learning to Learn" system, a program that is distributed nationally through the U.S. Department of Education.

"This system focuses on four natural thinking tools — asking questions, dividing tasks into manageable parts, setting goals and getting feedback," Armstrong says.

"These tools are the foundation of techniques for note-taking, reading and studying. Once students are familiarized with these techniques, they can apply them in specific courses and become active learners," he adds.

Armstrong has found that poetry can be used to help students improve their learning as well.

He incorporates poetry into his upper-division teacher education classes, both to promote content literacy and to show his students how poetry promotes reflection.

"One goal of Boise State's teacher education program is to build reflective teachers," he says. "Reflection is also an important part of learning. "I try to show prospective teachers how they can use poetry to make interpretations and provide insights in their own classrooms."

RUSSIAN PHYSICIST COLLABORATES ON RESEARCH PROJECT

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RUSSIAN PHYSICIST SEMEN SEMENOV, LEFT, AND BOISE STATE CHEMISTRY PROFESSOR MARTIN SCHIMPF DISCUSS AN EQUATION. SEMENOV RECENTLY SPENT SIX MONTHS AT BOISE STATE COLLABORATING WITH SCHIMPF.
Scientists from the Idaho National Engineering and Environmental Laboratory visited Boise State's campus in mid-March as part of "get acquainted" sessions between universities that are members of the Inland Northwest Research Alliance and INEEL.

Boise State is one of seven regional universities that formed INRA in spring 1999. As a partner with Bechtel BWXT Idaho, the corporation responsible for managing and operating INEEL, the seven universities are helping to set the direction for scientific research at the national laboratory.

"Our long-term future rests with people like you. This is a wonderful opportunity to work together," Bill Shipp, INEEL's laboratory director, told Boise State science and engineering faculty who gathered for the meetings.

Shipp, several other INEEL scientists, and INRA interim director James Petersen spoke about INEEL research and the relationship between INRA and the national laboratory.

Boise State faculty also gave presentations about current research at the university.

"This was an opportunity for INEEL scientists to learn more about science and engineering at Boise State and for us to learn about INEEL and INRA's role," says Jack Pelton, director of Boise State's Center for Geophysical Investigation of the Shallow Subsurface (CGISS).

Similar meetings are being held this winter and spring at other universities that are members of INRA.

Those universities include the University of Idaho, Montana State University, Utah State University, Washington State University, Idaho State University and the University of Montana.

The collaboration between the seven universities and INEEL is expected to lead to enhanced opportunities for research, higher education and job creation throughout the Inland Northwest.

Boise State researchers are currently conducting a number of funded projects at the INEEL site, including several CGIS projects involving subsurface contamination issues.

In the past the INEEL site was used for nuclear reactor research and storage of nuclear waste from America's defense programs which left contamination below the surface of the land.

Today, INEEL scientists work in a wide range of disciplines with a major emphasis on the development of environmental cleanup technologies.

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DONOR NOTES

- Michael & Mary Adcox, $2,000; Thomas Rea, $2,000; and Doug Shanholz, $2,000 for the Alumni Center Building Fund.
- Anonymous gifts of $56,000 to various academic scholarships and $1,000 to the physics department.
- Anonymous, $5,000; Steve Appleton, $30,000; ESI Foundation, $12,500; Idaho Power Co., $16,600; Morrison-Knudsen Co., $25,000; Morrison Knudsen Foundation, $15,000; Raymond and Candace Smeal, $6,900; and Wright Brothers, $3,000 to the Micron Engineering Building Challenge.
- Tony Arguinchona, $1,500 and Larry and Karen Arguinchona, $7,500 for the Larry and Karen Arguinchona Honors Scholarship.
- Association of Governmental Accountants, $1,000 to the Associated Governmental Accountants Fund.
- BankAmerica Foundation, $1,000 to the Stitziel Investment Pool for Students.
- Patricia and Ronald Bedient, $1,000 and Robert and Suzanne Carline, $1,000 for the Arthur Andersen/Hal Bunderdson Excellence in Business Fund.
- Joan Bergquist, $1,000 to the Brian Bergquist Student Leadership Scholarship.
- Boise Factory Outlets, $1,000 and Edwin and Shirley Croft, $1,000 to the unrestricted fund.
- C. Griffith and Mary Bratt, $1,100 to the music scholarship in his name.
- Dorothy Brunker, $1,000 for the Nursing General Scholarship.
- John Parker Burg, $1 million, for the Edwin T. Jaynes International Center for Bayesian Methods and Maximum Entropy.
- James and Judy Burton, $1,000; Ace and Ethel Chatburn, $1,000; Lori Mae Frith, $1,000; Jim and Marilyn Pulliman, $1,000; and Marcia Sigler, $1,000 through Phonathon '99.
- Mary Carter-Hepworth and Layne Hepworth, $10,000 for the Jamie Paul Confer Memorial Scholarship Fund.
- Lois Chaffee, $11,500 to the Eugene and Lois Chaffee Scholarship Fund.
- J. Philip and Beverly Chancey, $3,000 for the Anna & Blanche Chaney Nursing Scholarship.
- John J. and Joan C. Cooney, $1,000 to the John J. and Ethel C. Chapman Scholarship.
- Cooper Norman & Co., CPAs, $1,000 for the scholarship fund in its name.
- David and Patricia Cooper, $1,000 and J.R. Simplot Co., $1,000 to the Accounting Department Administrative Account.
- Helen Copple, $50,000 for the Robert H. Copple Memorial Scholarship Fund.
- John and Diane Crim, $1,000 to the Sharon Crim Endowed Nursing Scholarship.
- Samuel and Yolanda Crossland, $1,000; Roy and Frances Ellsworth, $1,000; George and Elvera Klein, $1,000; and Arthur and Jane Oppenheimer, $1,000 to the Frank Church Chair of Public Affairs.
- CSHQA Architects/Planners, $1,000 to the engineering scholarship in its name.
- Norm and Gladys Dahm, $1,000 and Arlen and Susan Planting, $1,000 for the Norm Dahm Endowed Engineering Scholarship.
- Data Cabling Service, $1,500 and Metalcraft Inc., $1,500 to the Hispanic Business Community Scholarship.
- Deloitte & Touche Foundation, $1,000 to the fund in its name and $7,300 for the Roger Martell Accounting Endowment.
- Jody DeMeyer, $1,700 for the Nursing Library Resources Fund and $2,000 to the Claire and Zeta Nursing Endowment.
- Thomas and Linda Dixon, $3,000 for the Thomas Dixon Finance Scholarship.
- William and Dorothy Dunkley, $1,000 to the piano endowment in their name.
- ESI Foundation, $1,000; Idaho Fish and Game, $2,000; Potlatch Corp., $1,000; and The Waldo Trust, $1,000 for the Idaho Bird Observatory.
- Dave and Vicki Ewy, $2,000 to the Ruth V. Ewy Memorial Scholarship.
- Curtis and Mary Finch, $1,000 for the Gib Hochstrasser Music Scholarship.
- First Security Foundation, $8,000 to the scholarship in its name.
- Fred and Mary Clements Trust, $10,000 for the endowed family scholarship in their name.
- Tom and Marguerite Frye, $1,000 and the Ray of Light Foundation/Madonna Ciccone, $1,000 to the Gene Harris Endowment.
- Gannett Foundation/Idaho Statesman, $5,000; Hewlett Packard Co., $2,000; Marilyn Tate Shuler, $1,000; and US WEST Foundation, $2,500 for the MLK/Meredyth Burns Endowed Scholarship.
- Hewlett-Packard Co., $1,000 to the Martin Luther King Human Rights Fund.
- Human Resources Association of Treasure Valley, $1,000 for the David J. Isern Scholarship and $1,000 to the Renda Sullivan Memorial Scholarship.
- Idaho Association for Bilingual Education, $1,300 for the Bilingual Scholarship Fund.
- Idaho Power Co., $1,000 to the Marie and Joseph White Memorial Scholarship.
- INEE/L Academy Center for Excellence, $6,000 for the Lockheed Martin Restricted Scholarship.
- Jant Family Foundation, $1,000 to the College of Business and Economics Dean's Endowment.
- JCPenney Co., $2,000 for the marketing scholarship in its name.
- Helen John Foundation, $2,500 to the Single Parent Scholarship Fund.
- Robert and Diana Leaverton, $1,000 to the Music Administration Account.
- Little-Morris CPAs, $2,500; Doug and Serena McAlvain, $1,000; Presnell Gage Accounting and Consulting, $2,500; Austin and Elizabeth Warner, $1,600; and Garth N. Wilde, $1,600 for the Idaho Family Business Center.
- Doug and Serena McAlvain, $7,000 for the Technology/Engineering Building Fund.
- Roger and Barbara Michener, $2,000 to the endowed scholarship in their name.
- Dan L. Montgomery, $126,000 to the research endowment in his name.
- Tom Morgan, $2,000 for the Tom Morgan Endowment for the College of Business and Economics.
- Morrison-Knudsen Co., $1,000 to the Joseph R. Hilton Memorial Engineering Scholarship.
- John F. Nagel Foundation, Inc., $35,000 to the nursing scholarship in its name.
- Rick and Bobbie Jo Navarro, $1,000 to the Accounting Department Administrative Account and Albertson's Alumni Scholarship Fund.
- Howard and Audrey Naylor, $1,100 and Woodglen Millwork, $5,000 for the Business Administrative Account.
- Ronald and Brin O'Reilly, $3,000 to the Anna Mae O'Reilly Memorial Scholarship and the Frank Church Chair of Public Affairs.
- Donald and Doli Obee, $1,000 for the D. J. Obee Biology Scholarship.
- Barbara W. Oldenburg, $1,000 to the Bill and Barbara Oldenburg Music Scholarship.
- Harvey and Eleanor Pitman, $1,000 for the communication scholarship in their name.
- PricewaterhouseCoopers LLP, $1,000 to the restricted scholarship in its name.
- Jerry Ransom, $6,000 to the CIS/Honors Program scholarship in his name.
- Richard and Elizabeth Reimann, $2,000 for the Forensic Physics Research Fund.
- William and Nancy Russell, $10,000 to the Carl Burke Endowed Scholarship in Public Policy.
- Sales and Marketing Executives of Boise, $2,000 for the restricted fund in its name.
- Steve Schmidt, $1,500 for the endowed scholarship in his name.
- Ronald and Marilyn Stone, $1,000 to the Thomas E. Stitziel Endowed Scholarship.
- Robert H. Snyder, $4,400 for the Lola Snyder Memorial Scholarship Fund.
- Saint Alphonsus Regional Medical Center, $10,000 to the paramedic program.
- David and Beverly Taylor, $1,000 for the Beverly and David Taylor Service Scholarship.
- US WEST, $26,000 to Idaho Business Development.
- Rick and Nancy Webking, $5,000 for the Underkofler Accounting Scholarship.
- Kelly and Ron Winans, $2,000 to the endowed scholarship in their name.
- Katherine and Virgil Young, $1,000 Virgil Young Scholarship for Rural Idaho.
Boise State University's Construction Management Association has been nationally recognized 16 out of the past 19 years by the Associated General Contractors of America and the Associated Schools of Construction for the community service it has exhibited in individual and student team championships.

The group's members are construction management majors in the Boise State College of Engineering. CMA members not only attend challenging engineering and construction classes and complete general university requirements, but also dedicate hours of volunteer work to the extracurricular club. CMA currently has about 30 members.

Since its inception in 1979 as one of the earliest professional programs in the country, enrollment in the construction management department has grown from eight to more than 100 full-time students with 274 bachelor of science degrees awarded.

"Academics, service and community emphasize real-life learning opportunities for our students," says department chair Jon Mason. "We're producing intellectuals who can provide meaningful and useful work in a demanding profession."

To meet increasing demands in the workplace, the program is seeking to add new courses, equipment and facilities.

Your tax-deductible contribution for the construction management program can be made to the Boise State University Foundation, 1910 University Drive, Boise, ID 83725.

Questions and comments can be directed to Pete Griesmyer, chair of the Construction Management Advisory Board at 208 338-8988 or associate professor Charles Gaines at 208 426-1829.

Boise State University Foundation thanks you for saying YES.

Phonathon '99 student callers raised $228,763 in pledges that will be used to enhance educational opportunities at the university. Since it began in 1987, the Phonathon has generated more than $1.8 million for academic programs.
CANTON BECKONS
EX-BRONCO WILCOX

By Bob Evancho

Lyle Smith is obviously a good judge of talent. A few years ago, a writer asked the legendary Boise Junior College football coach to name the most outstanding player during his 20 years at the Bronco helm.

Bear in mind, Smith had plenty to choose from. From 1946 through 1967 he shaped BJC into one of the dominant junior college football programs in the country. During that time, the Broncos produced 21 All-Americans and won 83 percent of their games. Given his program’s extended excellence and the hundreds of athletes he coached, Smith probably could have demurred or dismissed the question with some perfunctory response about great players making great teams or too many standouts to choose from.

But that wasn’t necessary; in Smith’s mind, one player did stand out.

Dave Wilcox

It may have taken some time, but the rest of the football world has finally recognized the gridiron greatness in Wilcox that Smith saw at BJC nearly 40 years ago.

In his 21st year of eligibility, the former San Francisco 49ers linebacker recently became the first football player from what is now Boise State University to be elected to the Pro Football Hall of Fame. A seven-time Pro Bowl selection, Wilcox was considered one of the best outside linebackers of his day.

Wilcox played for Smith at BJC in 1960 and ’61, earning junior college All-America honors as a two-way lineman both years. He finished his collegiate career at the University of Oregon and was selected by San Francisco in the third round of the NFL’s 1964 draft.

Known for his fierce tackling and pass coverage skills during his 11 years in the NFL, Wilcox was the Seniors candidate for the Hall of Fame’s Class of 2000, which includes fellow 49ers Joe Montana and Ronnie Lott. They will be enshrined July 29 in Canton, Ohio.

Speaking from his home in Junction City, Ore., Wilcox says the wait was worth it. “I didn’t spend a lot of time thinking, ‘Oh my gosh, I’ve missed it again,’” he says of the years the Hall of Fame selection committees bypassed him. “Actually, this has worked out great. I get to go in with Montana and Lott, and I’ve been told the Hall of Fame is planning to bring back all the living inductees at this year’s ceremonies.”

Wilcox says there were times when he wasn’t sure if he would ever gain entry into the Hall of Fame. But now that he’s among football’s elite, feigned humility seems needless. “You have to know you’re good if you’re playing in the NFL,” he says. “When you go up against guys like [offensive line-}

Hall of Fame member Dave Wilcox with his 49ers jersey at his home in Oregon. Inset, at BJC in 1961.

men] Bob Brown, Forrest Gregg, Ron Yary and Tom Mack; tight ends like John Mackey, Mike Ditka and Ron Kramer; and then have to chase down runners like Gale Sayers for 11 seasons, you can’t be lacking in confidence in your ability.”

Smith also believed Wilcox had what it took to excel at football’s highest level. In the book The Broncos: An Illustrated History of Boise State University Athletics, the ex-coach said he thought Wilcox seemed destined for stardom. “He never had a second gear; he was in high gear all the way,” said Smith. “He just went real hard at practice and in the games. I was not surprised that he did so well as a professional.”

Although Wilcox, 57, was a big-time player, it was his small-town roots that brought him to Boise Junior College in the fall of 1960 following his graduation from Vale High School in eastern Oregon. “I knew all about BJC football growing up in Vale,” Wilcox recalls. “I listened to their games on the radio. A lot of kids from Vale went to BJC.”

One of them was his older brother John, who was also a standout football player at Vale. “John went to [the University of] Oregon as a freshman, but that was quite a culture shock for him,” Wilcox says.

The older Wilcox transferred to BJC and played football for Smith, earning JC All-America honors as a tackle in 1957 before returning to Oregon to finish his career. (The Wilcoxes’ younger brother Jerry also played for Smith at BJC.) “I chose BJC because of what happened to John,” says Wilcox, who was inducted into Boise State’s Athletic Hall of Fame in 1982. “I thought going to a major college was too big a step; I wanted to make gradual steps.”

It’s a decision he never regretted. The Broncos went 8-2 and 9-1 in the two seasons Wilcox played at BJC.

“I had more fun in Boise than anywhere else as far as playing football,” Wilcox recalls. “We had some outstanding players and excellent teams. Coach Smith is an outstanding person. He touched a lot of lives.”

Wilcox, who was also a record-setting member of the Bronco track team in the shot put and discus, gives special credit to BJJC assistant coach Ray Lewis for helping to shape him as a football player. “When it came to teaching you fundamentally, he was as good as they get,” Wilcox says. “At BJC he made us do some drills that I thought were pretty stupid. But as my career progressed, I eventually realized that what Ray was teaching me really played a big role in my development as a player.”

Football is still a part of Wilcox’s life. Since the mid-’80s he and his wife have spent their falls watching their sons Josh and Justin perform on the gridiron, first at the youth level, then at Junction City High School and eventually in their father’s footsteps at Oregon. Josh played the last two seasons with the NFL’s New Orleans Saints as a tight end and fullback, and Justin, a defensive back with the Ducks, finished his collegiate career last fall.

“For the last 15 years I’ve been going to my kids’ games,” Wilcox says. “I haven’t been to a Boise State game and I’ve only been to one or two 49ers games during that time. Now that Justin is done playing at Oregon I should have a little more free time. Maybe I’ll get over to Boise for a game.”

If he does, Boise State should roll out the red carpet. After all, he’s the first Bronco for whom Canton came calling.
PALEONTOLOGIST STUDIES 20,000-YEAR-OLD MAMMOTH

By Janelle Brown

Larry Agenbroad has been digging up fossils for the past 25 years, but last fall he did something most paleontologists only dream about.

Agenbroad, a geology professor at Northern Arizona University and a ’57 graduate of Boise Junior College, actually touched the long, coarse hairs of a creature that last walked the Earth more than 20,000 years ago.

The creature, the best-preserved woolly mammoth ever found, was entombed in permafrost in a remote area of northern Siberia. Discovered in 1997 by a 9-year-old reindeer hunter, the carcass has generated considerable media attention and has fueled speculation that the animal’s frozen DNA could be used to produce a mammoth clone.

Agenbroad, a mammoth expert who has overseen digs at a fossil site in South Dakota, was invited by French explorer Bernard Buigues to join an expedition to Siberia last fall.

He joined other scientists in freeing the carcass from the permafrost by digging a huge trench around it. The 23-ton block of ice containing the mammoth was then airlifted to a military runway in the outpost of Khatanga, 180 miles away.

Later this spring, the mammoth will be moved to a nearby cave and scientists will use hair dryers to thaw it.

For Agenbroad, the chance to study the mammoth is an opportunity of a lifetime. “The thing the media like to jump on is the cloning possibility — they’ve seen Jurassic Park,” says Agenbroad, who has a Ph.D. in geology from the University of Arizona. “But that’s just one esoteric experiment.”

The former Nampa resident says he and his wife, Wanda, will return to Siberia later this year, when Agenbroad plans to pursue studies of the mammoth’s digestive system. Other studies are aimed at learning more about the creature, its environs and perhaps why the species vanished some 10,000 years ago at the end of the last ice age.

“Because the mammoth is frozen, we’ll be able to thaw it slowly and work on it at leisure,” Agenbroad adds. “We’ll have the time to explore many possibilities.”

The mammoth find was the subject of a Discovery Channel special that aired in mid-March. A website at www.discovery.com/exp/mammoth/mammoth.html includes details and updates from Siberia. The project also has been featured in many national newspaper and television reports.

“This has caught the imagination of the public,” Agenbroad says. “The media attention has been beyond my wildest dreams.”

MEDICAL RESIDENCIES IN WASHINGTON, D.C., KEEP COUPLE BUSY

By Janelle Brown

If married life seems a trifle hectic these days for Necole Javernick-Hodges and Bryan Hodges, there are reasons.

After all, the ’91 Boise State graduates each work about 120 hours a week. Their hours off only occasionally coincide. When they do get time together, there’s a lot to catch up on — but also the overwhelming need to sleep.

Javernick-Hodges and Hodges are completing medical residencies in obstetrics and gynecology at hospitals in the Washington, D.C., area. Javernick-Hodges works at Washington Hospital Center and Hodges works at Georgetown University Hospital.

It’s an exciting, busy time for the couple, who met in a genetics class at Boise State, became steadfast “study partners” during four years of college, married in 1992 and attended medical school together at the University of Washington. Both then chose to specialize in obstetrics and gynecology.

Javernick-Hodges and Hodges say they love their work and its challenges. Their dream is to return to the Boise area after their residencies are completed and practice in the same clinic.

“I’m so thankful to be married to my best friend. There is so little time for a personal life that it helps a great deal that we’re in this together,” says Hodges.

Adds Javernick-Hodges: “I can’t wait to do surgery with Bryan. It will be fun to be together in the same room.”

In the highly competitive arena of medical residencies, Javernick-Hodges and Hodges have scored something of a coup. They applied for residency programs across the country — and both were offered their first choice of jobs.

“I like the patient population. I love delivering babies. You get to do primary care and surgery,” says Javernick-Hodges of her field of specialty.

Hodges unexpectedly found himself in the media spotlight earlier this year when he delivered the first baby of the millennium in the Washington, D.C., area. The variety of work is one of the things he enjoys the most, he says.

The couple says they left Boise State well-prepared for the rigors of medical school. “We were able to challenge out of an immunology class because we’d already covered the material at Boise State,” says Javernick-Hodges.

Biology professor Russ Centanni served as a mentor to the couple at Boise State and remains a close friend.

“I knew they would do very well,” Centanni says.
The new Super 8 Motel in Grangeville is the latest project for the Lindsley family. From left are Ted (BBA, marketing, '88), Tom (BA, general business, '67) and Jeff (BBA, management, '91). The two sons played football at Boise State.

ALUMNI BUILD GRANGEVILLE Motel
By Larry Burke
Boise State fans traveling on Highway 95 will find some familiar faces behind the desk at Grangeville's new Super 8 Motel. The Lindsley family that built the motel — father Tom and sons Jeff and Ted — are all Boise State business graduates.

The motel is a new venture for the family that has operated a Grangeville home furnishings business for four generations.

In addition to the obvious profit motive, the Lindsleys say they invested in the motel to boost the local economy.

Aside from a fast-food outlet and a convenience store, Ted Lindsley says he can't think of a new business that has started in the last 10 years in the central Idaho town.

"We figured it was important to bring in outside dollars to add to our base," he says. So far, the 39-unit motel has done just that. Almost 2,000 people have rented rooms since it opened in late November when the Lindsleys welcomed their first guests.

"That's 2,000 people who probably ate and bought other things in Grangeville," he says.

Lindsley says there have been some surprises so far. For example, weekday business has been running far ahead of weekends.

"Business travelers have discovered us because we are a convenient stopping point between Boise and Lewiston or Moscow. And we cater to that clientele with data ports and Internet access in every room," he says.

One of the busiest weekends came in late November when the Lindsleys welcomed a motel full of Bronco football fans en route to Pullman, Wash., for the game against the Idaho Vandals.

It was a homecoming of sorts for Ted and Jeff, both of whom played football at Boise State.

"Herb Criner from the athletic department read a notice about the motel at a Bronco Athletic Association meeting—we were full with Bronco fans two hours later," Lindsley says.

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"Herb Criner from the athletic department read a notice about the motel at a Bronco Athletic Association meeting—we were full with Bronco fans two hours later," Lindsley says.
Provident Federal Savings and Loan in Boise before returning to north Idaho to work in a family farming operation. Reid has been a member of the Lewis Soil Conservation District Board since 1984, chairman of the Nezperce-Prairie Grassgrowers and served on the Lewis County Fair Board for six years. He resides in Craigmont.

CHARLES C. "CHUCK" WHITE, BBA, accounting, '76, is a senior vice president with DG Associates, a business consulting firm based in Boise. White previously was CFO of Ore-Ida Foods Inc. in Boise.

GERRY L. ARMSTRONG, MBA, '78, is president and CEO of Armstrong Architects in Boise.

WILLIAM GUS BERG, BBA, business education/administrative services, '78, was named Meridian's 1999 Man of the Year by the Meridian Chamber of Commerce. Berg has been Meridian's city clerk since 1993 and recently was installed as president of the Idaho City Clerks, Treasurers and Finance Officers Association.

JOYCE D. CARROLL, BA, elementary education, '78, has earned certification from the National Board for Professional Teaching Standards. Carroll teaches at A.W. Johnson Elementary School at Firth and has taught first and third grade in the Firth District for the past 21 years.

COLIN B. ELLIOTT, BS, chemistry, '78, is a quality assurance officer for Metro King County Environmental Laboratory in Seattle.

BETTY JOE FISHER, MA, elementary education/content enrichment, '78, recently received the State Achievement Award from the Delta Kappa Gamma Society International.

CHERYL R. PETERSLIE, AS, fashion merchandising, '78, is athletic projects director for the Digger Athletic Association, Montana Tech Booster Club in Butte.

RALPH KING, BS, physical education/secondary education, '79, is director of special programs for the McCall-Donnelly School District. King is in charge of the district's special education program and is principal of Heartland High School, formerly known as Heartland Alternative High School. In addition to supervising the education of youth at the Valley County Juvenile Detention Center in McCall, King directs federal programs and chairs the district's professional development program. King previously taught computer and algebra at Payette Lakes Middle School, and has taught in the district for 15 years.

80s

SUSAN E. (CARTER) ROOD, MA, elementary education, '80, teaches first grade and is project read trainer for the Menifee Union School District in Menifee, Calif.

KEVIN B. GARCEAU, AAS, electronics service technician, '80, works for Cox Communications in Ketchum.

DENNIS EARL WHITE, BS, political science, '80, is marketing manager in anesthesiology and radiology for Interim Physicians in Atlanta, Ga.

MICHAEL J. ADCOX, M.D., BS, pre-medical studies, '81, was recognized as the 1999 Robert L. Miller "Consultant of the Year" by the Idaho Emergency Physicians. Adcox is an associate with Boise Nephrology Associates and Saint Alphonsus Regional Medical Center in Boise. Adcox also is a past president of the Boise State Alumni Association.

SUSAN M. HUME, BFA, art/secondary education, '81, is a potter and owns Clay Pots/ Watercolor Thoughts in Nampa. Hume previously taught junior and senior high art in Fruitland. She is a member of the Nampa Art Guild and does numerous workshops.

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1910 University Drive, Boise, ID 83725.

Mary K. Clements) Wiegand, BBA, marketing, '81, is owner of Organized & More.
Wiegand resides in Bellevue, Wash.

Brett A. Koutnik, BBA, real estate, '82, was elected president for 2000 for the Atlanta, Ga., chapter of the Institute of Real Estate Management.

John Harrison Garrett, BBA, marketing, '83, is small business relationship manager for KeyBank's Boise market. Garrett has more than seven years of financial experience in the banking industry. He was previously an assistant vice president and co-owner of City Glass and Paint Inc., and division manager for Ponderosa Paint Manufacturing.

Candice Allphin, BBA, management/human resource, '88, has been an assistant vice president and team leader with U.S. Bank's intermountain region business banking team. She is responsible for new business development in Idaho, Utah, Colorado and Wyoming, focusing on established businesses with annual sales of $1-10 million. Currently a second-year student of the Pacific Coast Banking School, she also serves as first vice president of the Boise State Alumni Association.

Lucinda M. (BABB) Fazio, BBA, English/British literature emphasis, '89, recently graduated from Seattle University School of Law. Fazio resides in Tacoma, Wash.

Debbie E. (DONAHUE) Johnson, BBA, management/human resource, '89, works for Trail Creek Construction. She lives in Mackay.

Amy R. Lienitz, BS, environmental health, '89, was recently hired by CHEM Hill to manage and develop its new office in Idaho Falls.

Verna M. Pitman, BA, communication, '89, is director of the 6th Judicial District Court-appointed Special Advocate program for Pocatello. Pitman previously worked for the Idaho State Department of Insurance.

Victor "Kory" Pukash, BS, accounting, '89, owns KMP Development Corp., a software development and training company in Boise. Pukash was recently recognized as a Microsoft Certified Solution Developer.

90s

Jack A. Keeney, BBA, accounting, '90, was named September 1999 Jaycee of the Month by the Boise Jaycees.


Brent N. Winiger, MBA, '90, is finance director for the City of Newport, Oregon. Winiger previously was budget director at Boise State.

Joseph L. Deibner, BBA, finance, '91, is a relationship manager for U.S. Bank in Boise.

Brenda RAE DUGGAN, BS, nursing, '92, is a nurse manager with Bristol-Myers Squibb-OYN/Lynx. Duggan resides in Boise.

Bryan David Holunka, BA, history, '92, is an ESL instructor for Wesley College in Madison and a graduate student at the University of Wisconsin.

Kristen A. (Kiesel) McNeill, BM, music/performance, '92, teaches music at Eagle Crest Elementary School in Longmont, Colo. McNeill recently received her master's of education degree with emphasis on diverse learners from the University of Phoenix, Denver campus.

Calvin W. Gillis, BS, environmental health, '93, is a Sanitarian for Johnson Wax Professional in Boise.

Holly (Romrell) Gyles, BBA, finance, '93, works for the Bank of Commerce in Idaho Falls.

Noriko Y. Jamison, BBA, accounting, '93, is a corporate auditor with Motorola in Phoenix. Jamison previously was a financial analyst with Motorola SatCom in Phoenix. She also spent four years in Tokyo with Motorola's Land Mobile Product Division.

Ariane Nichole Poindexter, BS, biology, '93, recently returned to Idaho after working as an ESL instructor in Kumamoto, Japan, for four years.

Jeffrey D. Enrico, BA, anthropology, '94, is a loan officer specializing in residential home loans with Premier Mortgage Resources in Boise.

John Purton Cochrane, MM, music education, '94, teaches orchestra for the Emmett School District in Emmett. Cochrane is responsible for the Middle School and Senior High orchestras, the high school concert/marching band and the jazz band. He is also the faculty adviser for the
Hispanic-American Leadership Organization and coaches varsity women's soccer. Cochrane was named coach of the week last fall.

TRISTA K. (ROSS) HINKLE, BBA, marketing, '94, is employed in the marketing department at Hewlett-Packard in Boise.

ANY M. BARTHLOMOEW, BBA, finance, '95, is a mortgage loan officer with First Federal Savings in Twin Falls.

JANETTE L. PHILAN, BA, elementary education, '95, is a kindergarten teacher at Abiqua School in Salem, Ore.

KEVIN E. DINIUS, BS, sociology, '96, is an associate with the law firm of Elam and Burke P.A. in Boise. Dinius works in the firm's litigation section.

RONALD ANDREW KING, MS, raptor biology, '96, is a biologist for BHE Environmental Inc., a consulting firm in Cincinnati.

JON DAVID KNAPP MCLAISTER, BA, history, '96, recently earned his master's degree in social studies education from the University of Iowa in Iowa City, Iowa. McAllister is an instructor in the Adult High School Completion Program at Kirkwood Community College in Iowa City.

MELISSA MARIE COZAD, BS, psychology, '97, earned her master's degree in criminal justice administration from the University of Nevada Las Vegas. Cozad is working as a placement counselor for Job Corps with the Las Vegas Outreach Admissions and Placement office.

EMIL KENT KLUEVER, BA, elementary education, '97, teaches fourth grade at Hillcrest Elementary School in Boise. Kluever previously was a commander in charge of tanks, combat vehicles, and attack helicopters in the U.S. Army. He retired as an Army colonel in 1996.

DANIEL O. MADDEN, BA, theatre arts/performance option, '97, is completing a nine-month internship at Actors Theatre of Louisville, Ky.

STEPHANIE S. YOUNGERMAN, Ed.D., curriculum and instruction, '97, teaches at Monroe Elementary School in Boise and also is the language arts supervisor for the Boise School District. Youngerman has been a teacher in Boise elementary schools for 23 years.

DANIEL RICHARD CONNER, TC, heavy-duty mechanics, '98, is a Thermo King technician with Cummins Intermountain Inc. in Boise.


SHARON ORLEAN (HARLEM) TANDY, MA, interdisciplinary studies, '98, is a quilt historian with the Idaho Humanities Council. Tandy is a quilter, a published quilt designer and author.

Several Boise State graduates are employed by Boise-based graphic design firm Green House Creative.

WENDY CORNWELL, BA, graphic design, '98, has been promoted to senior graphic designer to art director. Cornwell joined Green House in 1998.

CARISSA DEGUZMAN, BFA, visual art/graphic design, '98, has been promoted to senior graphic designer for the firm. DeGuzman also is a basic design teaching assistant at Boise State. She recently received recognition as second runner-up for best of show at the alumni exhibit on campus.

COLLEEN CAHILL, BFA, graphic design/illustration, '99, has joined Green House as a graphic designer. Cahill previously was employed as a graphic designer for the Boise State Student Union.

LESLE SASSO, BS, sociology, '99, recently joined the firm as a public relations/account assistant. Sasso's duties include promoting the company and assisting with client contact.


VERN DALE MCCREADY, BS, health sciences studies, '99, is a licensed physician's assistant with Council Community Hospital in Council Bluffs.

STAFF

JIM FAUCHER, former sports information director, Bronco Athletic Association director and Boise State University Foundation director, has been named vice president of development for Providence Services Eastern Washington.

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WEDDINGS
MICHAEL PIVA and Laurie May, (Jackpot, Nev.) May 1
KRISTEN BUSHMAN and Bryan Booth, June 18
CINDY JO SMOLINSKI and TIMOTHY REID MARSHALL, (Boise) June 19
SHERIANNE L. LITTLE and Michael R. Nelson, June 23
NANCY L. GLYNN and MARSHALL GREGORY MURRIN, (Boise) June 26
LEANN CATHERINE DOAN and S. Bryce Farris, (Boise) July 9
TIMOTHY SCOTT HASKELL and Coni J. Christison, (Boise) July 18
JAMES A. McPHERSON and Rustin M. Grosvenor, (Garden Valley) July 24
JENNIFER ALLEGROZZA and Kurt Swanson, (Boise) July 31
REBECCA R. COPPINGER and John P. Weber, (Meridian) July 31
JEREMY SCOTT JENKINS and Mia Rose Bagley, (Boise) July 31
BRYAN K. BROWN and AMY SUE BURGESS, (Boise) Aug. 6
KIRSTEN A. KIESEL and Paul McNeill, (Winter Park, Colo.) Aug. 7
BRENT LEE BUCHWITZ and Joy Elaine Heilhake, (Boise) Aug. 14
TOMIN J. FISHER and USA MARIE WORKMAN, (Boise) Aug. 14
MARK DOUGLAS GRAHAM and Angela Jo Berning, (Boise) Sept. 8
BRYAN DAVID HOLINKA and Kathy DiCenzo, (Madison, Wis.) Sept. 10
STEVEN JAMES O'BRIEN and Rhonda Lee Howard, (Boise) Sept. 11
JENNIFER MICHELE THORNE and Daniel Travis Ripley, (Boise) Sept. 11
DENNIS R. STEVENSON and Nancy K. Davis, (Boise) Sept. 12
JACOB SCOTT GROSS and Andrea Linnea McFadyen, (Meridian) Sept. 18
SARAH E. FORD and Tom Satterlee Jr., (Boise) Sept. 25
RODNEY RYAN STEARNS and Dani Harris, (Boise) Sept. 25

OBITUARIES
MAX F. BEU, M.D., A.S., general arts and sciences, '39, died Dec. 17 in Boise at age 80. Bell received his medical degree from the University of Oregon Medical School in 1944 and completed an internship in Portland, Ore. He was assigned to various Army hospitals around the country and in 1947 returned to Boise to start his medical practice. Bell remained in practice until his retirement in 1988.

VICTORIA BEU "TORY" CROFT, A.A., general arts and sciences, '58; B.A., elementary education, '67; A.A., English/liberal arts, '74, died Feb. 2 in Boise at age 91. Croft was among the first students to receive a bachelor's degree from Boise College, graduating in the same class as her son, David, in 1967. Croft had worked at Pioneer Tent and Awning, was a clerk at the Veteran's Hospital and finished her career as a

"I need to focus on marketing goals - I don't have time to research postal regulations."
transcript evaluator for the registrar's office at Boise State.

WALLACE ERVIN CROGHAN, BBA, general business, '73, died Nov. 30 in Boise at age 77. Croghan belonged to both the national and the Idaho education associations.

BAYARD F. DUNN, AA, general arts and sciences, '59, died Dec. 6 in Virginia Beach, Va., at age 80.

CHARLES L "CHUCK" HOWARD, BA, general business/public relations, '74, died Dec. 11 in Boise at age 56. Howard worked for the Ada County Sheriff's Department from 1975-1999. He served in many different positions including patrol, adult detectives, warrants and the civil division. Howard was an instructor for DUI, pursuit driving and fire arson detection. He received numerous awards including eight letters of appreciation in 1999 and the Sheriff's Team Solicitation Award.

JOE WILFRED JONES, AA, general arts and sciences, '52, died June 16 in Lake Oswego, Ore., of cancer. Jones worked for Arthur Andersen & Co. and later was CFO of the Northwest Regional Educational Laboratory in Portland, Ore. He retired in 1995.

JOSEPH EVANS KELSHMELLER JR., BA, elementary education, '69, died Dec. 26 in Caldwell at age 82. Kelsheimer worked in the mines of Idaho, had his own logging business and also farmed. He served in World War II in the Air Force and piloted a B-52. He graduated from Boise State College in three years and at age 50 started teaching in the remedial program for the Caldwell School District where he worked for 15 years.

ELSIE MARGARET (ROBERTS) MITCHELL, BA, biology/secondary education, '68, died Dec. 8 in Boise at age 87. Mitchell taught school in ElAda, Lake Hazel and Atlanta. She was clerk of the board with the Five Mile School District when it was consolidated with the Boise School District and taught for a number of years at Longfellow, McKinley, Koelsch, and Jackson elementary schools.

SCOTT BRADLEY NELSON, BA, history, '95, died Nov. 24 in Cambodia at age 34. At the time of his death, Nelson was the country director for MPA Security Services, a Cambodian security firm. Before that he worked as a personnel director for a hotel and as an election observer for the United Nations.

SCOTT JOHN (NEWKIRK) NEWBURG, BBA, finance, '90, died Jan. 4 in Spokane, Wash., at age 37. Newburg was employed by The Principal Financial Group in Spokane at the time of his death.

EVERETT DONALD PURCELL, AAS, drafting technology, '77, died Jan. 28 in Caldwell at age 47. Purcell worked for Hansen-Rico Inc. in Nampa.

EUGENE EDWARD SKOGERSON, AA, general arts and sciences, '47, died Nov. 14 of cancer at age 80. Skogerson worked for the Idaho Department of Transportation in highway design and retired after 34 years. He was in the Army reserve and commanded the 521st engineer battalion for 14 years. He retired from the military as a lieutenant colonel with 32 years of service.

MICHAEL E. WEAVER, BBA, general business, '76, died Oct. 15 of a heart attack in Reseda, Calif., at age 46. Weaver began a career in retail with Thrifty Drug Stores. In 1986 he transferred to the retail sales division of the U.S. Department of Veterans Affairs, Veteran's Canteen Service.

Two local music giants with close ties to Boise State passed away this winter.

Acclaimed jazz pianist Gene Harris and big-band great Gib Hochstrasser were close friends, two of the area's top musical talents and among its most beloved performers.

Harris was a Grammy-nominated musician who had performed in the world's most famous clubs and festivals. He played on more than 80 recordings over a 40-year career. A native of Michigan, he moved to Boise in semi-retirement in 1977. But his love of music wouldn't allow him to sit still, and he continued to play worldwide, always returning to home in Boise. He died at home in January at age 66 of kidney failure.

He had been in poor health for more than five years. At the time of his death, Harris had been preparing for a kidney transplant.

Hochstrasser was described by the Idaho Statesman as a "looming presence in Boise music circles, a beloved drummer and band leader who celebrated big-band music through the buffeting winds of popular music tastes." He died at home in Boise in November of heart failure at age 72.

Born and raised in Boise, Hochstrasser studied music at Boise Junior College. His Kings of Swing played regularly at local functions.

In a Statesman article Harris' wife, Janie Harris, said the two men were good friends who "had the same philosophy about music" and "loved and respected each other." They often spent time together boating at Lucky Peak Reservoir, Janie Harris said.

They were also connected by their relationship with Boise State. In 1998 Harris helped establish the Boise State/Gene Harris Jazz Festival. The third annual event will be held in Boise in April.

Proceeds from the festival benefit scholarships for students who wish to study jazz at Boise State and allow the university to host guest artists throughout the year to work with students.

Hochstrasser will be remembered by Boise State. Shortly before he died, he learned that the university had created the Gib Hochstrasser Scholarship Fund in his honor.

THE LINES ARE OPEN

Contact your Alumni Office by:
PHONE: 800 824-7017 ext. 1959 or 208 426-1959
FAX: 208 426-1005
E-MAIL: bsualum@boisestate.edu
HOME PAGE: www.boisestatealumni.org
MAIL: Boise State University Alumni Association, 1910 University Drive, Boise, ID 83725.
UNIVERSITY EYES ALUMNI CENTER NEAR BRONCO STADIUM

Boise State's alumni may soon have a place they can call "home."

The university’s Alumni Association has entered the final phase of a fund drive to purchase a building that will serve as an Alumni Center.

“Most universities our size have a place where alumni and friends can gather — where the heritage of the university can be on display,” says Bob Davies, Alumni Association executive director and the architect of the fund drive that so far has raised more than $500,000 in donations and pledges.

The proposed Boise State center will be located in what is now an eye clinic at the corner of University Drive and Grant Avenue.

The single-story building comes with a 35-space parking lot.

But before the moving vans are called, the Alumni Association still must raise an additional $500,000 to purchase and renovate the building.

So far, more than 100 people have contributed toward the cause. “People we contact recognize how much the center is needed — we are getting closer to our goal every day,” Davies says.

The 6,900-square-foot building is already well-suited for an alumni center, says Davies. A large reception area will be ideal for social gatherings, and there are 15 offices, more than enough for the Alumni Association. Some of that space could be preserved. Displays will honor Silver Medallion winners, Top Ten Scholars and Distinguished Alumni award winners.

Proceeds benefit the Special Guest endowment.

The building can also serve as a visitor’s center where first-time guests can learn more about the university.

“More people will see us in a week than saw us in a year at our other locations,” says Davies.

In addition to its role as a gathering place for alumni, the center will serve as a place where the university’s history and traditions will be preserved. Displays will honor Silver Medallion winners, Top Ten Scholars and Distinguished Alumni award winners.

The building can also serve as a visitor’s center where first-time guests can learn more about the university.

“The center isn’t just about walls and a roof,” says Davies. “It’s about the spirit and culture of Boise State and its alumni.”

ASSOCIATION OFFERS SPECIAL TRAVEL, CULTURAL OPPORTUNITIES

The Alumni Association will provide travelers a close look at YELLOWSTONE PARK on a guided tour scheduled for Aug. 11-13.

Arranged by Harmon Travel of Boise, the tour will leave via motor coach the morning of Aug. 11. En route, the group will tour the Craters of the Moon near Arco and the Grizzly Bear Discovery Center in West Yellowstone. The remainder of the time will be spent touring Yellowstone Park.

The tour will feature the commentary of Boise State political science professor John Frechmuth, a nationally recognized expert who specializes in environmental policy and national park systems.

The tour’s $260 fee includes transportation, two nights lodging and two meals. Students under age 12 are $169 and students ages 12-18 are $215. A maximum of 40 people will be accepted for the trip.

Interested travelers can call the Alumni Association for more information or reserve space through Harmon Travel at 208 388-3000.

It isn’t too early to mark the calendar for three events the Alumni Association will sponsor this fall.

Alumni night at the SHAKESPEARE FESTIVAL will be Sept. 10. The evening will feature a performance of the Festival’s production Pump Boys and Dinette, a musical set in a small town diner. The $50 fee includes admission and a picnic dinner. Proceeds benefit the Special Guest endowment in the theatre arts department and the Alumni Association’s Distinguished Freshman scholarship program.

The Alumni Association is working on the details of a travel package to the Boise State vs. ARKANSAS FOOTBALL GAME Sept. 16 in Little Rock. More information will be included in the next issue of FOCUS and in a direct mailing to alumni this summer.

HOMECOMING events will start on Thursday, Oct. 12, and conclude after the football game Oct. 14 vs. Eastern Washington. This year’s theme is a “Spirit Reunion” for all alumni who have participated in activities and organizations that have added to the spirit of Boise State. The leaders behind the Spirit Reunion are from the marching band, cheerleaders and the Mane Line Dancers.
DUES-BASED PROGRAM KEEPS ALUMNI ASSOCIATION ACTIVE

Have you ever attended a Homecoming event, a pregame social gathering, the Top Ten Scholars banquet or any of the many other affairs sponsored by the Boise State Alumni Association? Those events are primarily funded by membership dues.

In the 1970s, the Alumni Association initiated its dues-based program to help pay for its various events, programs and projects.

The Alumni Association receives some funding from the university, but to achieve its goals and objectives, the dues-based program is an essential function, says Bob Davies, the association's executive director. Funds from dues, he adds, do not go toward salaries or the basic operations of the Alumni Office.

"Basically, dues go toward programs and activities that benefit alumni, association members and, of course, the university," says Susan Bakes, Alumni Association treasurer. "Dues are an important part of the association's financial strength. Over $50,000 annually is brought in from the dues program and this goes directly to programs and activities that either support alumni or Boise State. If we didn't have the dues program and its revenues, we would not be able to provide many services that directly benefit alumni. Furthermore, we would not be able to offer the assistance we do to Boise State."

In order to maintain its various services, activities and projects, the Alumni Association needs to build its membership and utilize the financial support provided by the dues-based program, adds Davies.

"The early results are very strong," says Davies. "For the last three years, we have set new records in the number of alumni joining the association. I don't see any reason why we won't set another record this year."

To join the Alumni Association, use the form on Page 40 or call the alumni office at 208 426-1959.

ASSOCIATION OFFERS LIFE MEMBERSHIPS

Tired of paying your dues each year? The Alumni Association has approved the offering of Life Memberships. Those who join as Life Members will receive recognition in the Alumni Center and invitations to special events for Life Members.

Several rates are available, as listed in the table below. For more information about the program, call the Alumni Office.

<table>
<thead>
<tr>
<th>Level</th>
<th>Membership</th>
<th>Possible Pledge Payments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recent Graduate Rate</td>
<td>$375</td>
<td>$125 for three years</td>
</tr>
<tr>
<td>Recent Graduate Joint Membership</td>
<td>$500</td>
<td>$125 for four years</td>
</tr>
<tr>
<td>One Member</td>
<td>$750</td>
<td>$250 for three years</td>
</tr>
<tr>
<td>Dual Membership</td>
<td>$1,000</td>
<td>$250 for four years</td>
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<tr>
<td>Friends</td>
<td>$1,500</td>
<td>$300 for five years</td>
</tr>
<tr>
<td>Joint Friends</td>
<td>$2,000</td>
<td>$400 for five years</td>
</tr>
<tr>
<td>Senior Members**</td>
<td>$375</td>
<td>$125 for three years</td>
</tr>
<tr>
<td>Joint Senior Members**</td>
<td>$500</td>
<td>$125 for four years</td>
</tr>
</tbody>
</table>

* A recent graduate is a person who has received their first degree from Boise State within the last five years.
** A Senior member is an alumnus who is at least 65 years old.
PRESIDENT'S MESSAGE

By Joel Hickman, President
Boise State University Alumni Association

I was first invited to join the Alumni Association board of directors in 1995. Over that time, it has been a privilege to be a part of the Alumni Association and to be a part of its growth. To serve as president of the Alumni Association for the last year has been truly an honor. It was gratifying to see so many volunteers working to expand the Alumni Association.

Over the past year, we have worked to implement an ambitious plan. The following are some of the major accomplishments the association has made:

- Adopted a comprehensive five-year strategic plan.
- For the third year in a row, set a record in the number of alumni joining the Alumni Association.
- Started the campaign to raise funds to purchase an Alumni Center.
- Hosted more than 50 events from July to December involving more than 8,000 alumni.
- Established a stronger and more inclusive committee structure to allow more alumni to participate in the Alumni Association.

These accomplishments, in many ways, are simply incredible. None of them could have occurred if it weren’t for the literally thousands of Boise State alumni who each year support and help the Alumni Association.

At the upcoming annual meeting, Candl Allphin will become the president of the Alumni Association. Under her leadership, the association will again set an ambitious schedule. Some of the goals will include:

- Finalize the Alumni Center Campaign.
- Continue to increase memberships.
- Implement the Life Membership program.
- Make Auction 2001 the most successful in Boise State history.
- Provide more opportunities for alumni to be involved in the association.

As I look back on all we have accomplished, I can only anticipate more progress in the future. A key part of that will be the completion of the Alumni Center fund drive. The center will be the hallmark not only for our association, but also for the entire university.

In closing, there are many people who made my year as president a tremendous personal experience. All of the committee chairs and alumni volunteers were of tremendous assistance. I would especially like to thank the members of the executive committee for all their dedication, advice and hard work. And I am deeply appreciative of the 35 people who make up the Alumni Association board of directors. This is a very special group of individuals who may come from different backgrounds but have one thing in common — a tremendous sense of loyalty to Boise State.

I encourage you, if you haven’t already, to get involved with the Alumni Association. And, if you have, I encourage you to seek out ways in which you can get even more alumni involved in this great organization. Thank you for allowing me to serve you as president of your Alumni Association.
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Microsoft has named **ComputerLand Technology Group (CTG)** of Boise as the go to solution provider for deployment of Office 2000 and Windows 2000 technologies for all of Idaho.

The Internet is changing the way every business works, every day. Which is why we created Microsoft® Windows® 2000, a family of server and desktop operating systems built on NT technology. It's the operating system built for businesses of all sizes, with the most comprehensive set of Web services, and the reliability that today's digital economy demands. Because it's Windows you also have the widest choice of hardware, software, devices, and trained technical professionals. In fact, there are already more than 1,000 applications running on Windows 2000. To build your business around the Internet, start evaluating Windows 2000 today.

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