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**BOISE STATE UNIVERSITY**

**VOL. XV, NO. 4 SUMMER 1990**

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**YES! IT'S FOR THE LIBRARY**

*In July, Boise State and its president, John Keiser, left, received welcome news from Albertsons chief executive Warren McCain that the Boise-based supermarket chain will donate \$6 million for an addition and renovations to the BSU Library. See story on page 8.*



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**ABOUT THE COVER:** Small towns like Shoshone, photographed by Glenn Oakley, have long been romanticized as calm, peaceful domains free of the troubles plaguing big cities. And much of that is true. But small towns in Idaho are undergoing dramatic upheavals these days. Idaho's traditional industries ... agriculture, mining and logging ... are not as stable as they were a generation ago. What's a community to do? Diversify and tap into the educational system, say a host of state leaders. It's working in towns that have organized and hustled to survive in these changing times. In this issue, FOCUS looks at the health of small-town Idaho.

## I'D RATHER BE IN PINE

**C**all them “slickers” and recite the evils, but for a century, Americans accepted the wisdom that progress, sophistication, wealth and achievement came from the city. The complete story had the small town populated by isolated, backward, narrow, and comic men and women labeled “hicks” and “hayseeds.” In 1990, when 85 percent of our population lives in cities, emphasizing differences and disparaging names is unacceptable. But the real gap between rural and urban Americans is actually much wider, as we speak of renaissance men and women capable of operating in a world community, and, those untrained provincials who must join the millions of non-playing nationals from around the globe — contemporary “hicks.”

During the same 100 years, most Americans lamented the disappearance of traditional values. What happened to self-identity and esteem, individual security, support, a sense of belonging, of family? Small town residents contend these values eroded with their way of life. Some even maintain these traits are more important than high-paying jobs, shopping centers and golf courses. Is there room for any of them in a world made up of city states ruled by international slickers?

Let's examine a case study, using, as my wife Nancy puts it, my favorite person — me. When I was 3 or 4 years old, I learned that all I had to do was pick up the phone and tell “Central” (who was my aunt) that I wanted to speak to my grandmother. I never said who I was, or which grandmother I had in mind, but she connected me — and sometimes joined in the conversation. My mother's parents lived across the alley from our house and my father's across the street. Great grandparents died, with dignity, in the back room. In school, a class of two dozen, we all learned Greek mythology, or geometry, or whatever — there was no separation or tracking to divide us. The teachers were very good; and they understood discipline.

Everyone knew me, and, I knew everyone in town. We took pride in others' achievements; they were in the weekly paper. The funeral home was just down the street, and death, as well as the support important at that time, was a natural and regular part of all our lives. One week a month I served at

daily Mass. It started at 4:30 a.m. when the miners' wives said the rosary, usually in Croatian. When the whistle at the mine blew “accident,” prayer was important to all of us. My mother played the organ at church. We memorized all the songs, no books necessary, as well as the responses — all in Latin. The Catholic Church was the same in each of the surrounding towns.

No one had much money. In fact, we were all poor, or lower class, in modern sociological parlance. Gardens were necessary, chicken yards, too. During a strike or illness, food and assistance just arrived. No one asked. Neighbor had meaning. We had no idea we were poor or lower class and to be called either would have caused a fight. Somehow no one was better than anyone else, but everyone was as good as his neighbor. Democracy was easy.

There was no tennis court or golf course for 40 miles. Football and baseball were the games for which the entire town turned out. My town was German and Croatian; Bend was Italian; Gillespie was Scottish; East St. Louis was Afro-American; and each of the others had a national identification which made people closer. Athletic contests were terribly serious and ended with an added touch of respect and appreciation. We knew the players from the other towns, and when they called me “krauthead” I had responses that made them proud, too.

My family lived in Mount Olive, Ill., from the time they came from Germany in the 1850s until recently. I am the last one. The cemetery bristles with stones with our name, and the names of the families of friends. It was an important gathering place. One part forms the only union-owned cemetery in the nation. Lots cost \$12, and the deed reminds occupants that they do not own the coal rights underneath. Most of us played in one or another musical group, and the band marched to the cemetery for regular ceremonies. Many people gathered. I was a member of the Musicians' Union at age 12. At the local level, unions and their officials lived for their members instead of off them.

In every situation someone cared. Life was simpler and deeper. Modern substitutes for my experiences in the small town are anemic. “Thank you for calling AT&T” does not ring true when compared with my

aunt as “Central.” A hunting license, a collection of special stamps, begging permission, or the use of guides is qualitatively different than parking your pickup on the prairie, in sight of four or five farms, and being certain everyone knew who it was because they recognized the truck. Coal miners fought, too often; but that fact set automatic limits on conversation. It was natural to be polite, and respect was based on real knowledge. In my early years, regular confession was an important part of the Catholic Church. But I always felt the priest knew the details before I told him, and, that he had a personal interest in helping.

Small towns had problems, and it's easy to romanticize about them. That's why Lake Wobegon is so popular. But decision-makers and policy-makers of all sorts would do well to study the small towns, support them, and recognize that they can be agencies to solve some of the more critical, personal challenges of the modern world. Be certain that in Idaho's second century there is something in Council, in Fairfield, in Weiser, in Pine worth finding. □

*By John H. Keiser  
President, Boise State University*



CHUCK SCHEER PHOTO



The latest addition to the Boise State campus is the Centennial Amphitheatre, made possible by the donations of Boise business leaders Ron Yanke, left, and Jim Nelson, right. Yanke and Nelson joined BSU President John Keiser, center, for the dedication of the new amphitheatre as part of Statehood Day ceremonies July 3. The 600-seat outdoor theater located behind the library features a 60-foot stage, orchestra pit and outlets for sound and light systems. The \$250,000 project was designed by architect Arthur Albanese. A part of the Boise Greenbelt, the theater has already been used for a variety of events this summer.

## ALBERTSONS GIVES \$6 MILLION FOR LIBRARY ADDITION

It took Albertsons chief executive Warren McCain less than 30 seconds to deliver a message that will impact decades of Boise State students.

"Because it is Idaho's 100th birthday and Albertsons 50th birthday, we thought it would be in keeping to do something a little bit spectacular for the school and the people of Idaho.

"So we are donating \$6 million to do the library," McCain said.

The crowd of 1,100 that had gathered to celebrate the opening of BSU's new Centennial Amphitheatre greeted the news with spontaneous cheers and a standing ovation.

The Albertson gift will be combined with \$4 million appropriated during the last legislative session, giving the university \$10 million for a 70,000-square-foot addition and renovation of the current library.

The library will be named the Albertson Library, said BSU President John Keiser at the ceremony. "Boise State is grateful to have the Albertson name on a building so close to the heart of the institution as the library," he said.

The library was built in 1963 and enlarged in 1969. But in the 20 years since the last addition, the growth in BSU's enrollment, academic programs and research has strained the library's resources.

The new addition will put an end to concerns by accreditation teams that the library had outgrown its current space.

"The lack of library space remains a critical issue," reviewers from the Northwest Association of Schools and Colleges said in its report last fall.

BSU's accreditation was renewed until 1994, but the team said "correction of the library's space deficiency is pivotal ..."

The addition will mean not only increased space for collections, but also enlarged study areas and a more efficient arrangement of departments.

Part of the addition will be used to temporarily house departments in the School of Social Sciences and Public Affairs. Those departments are now scattered in several locations on campus.

The design and construction of the project will take two-three years. □

## BOARD APPROVES NEW DEGREE PROGRAMS

Two new academic programs were among several additions to BSU's menu of degrees approved by the State Board of Education this summer.

- A new bachelor's degree in computer science will be offered by the mathematics department. The degree is one of several initiatives at Boise State to support the region's growing high technology industry.

- A new bachelor's degree in manufacturing technology will provide training in

the processes of manufacturing, from inventory control to machining, design and assembly. The degree will be offered through the College of Technology.

Other programs approved by the board include a clinical option in respiratory therapy, a legal assistant minor and a master's degree in instructional/performance technology. Previously that degree was an option within the master's of education degree program. □

## SUMMER SESSION ENROLLMENT INCREASES

Boise State's summer sessions continue to grow.

As of July 18, enrollment in the university's summer semester stood at 4,060, an increase of 17 percent from last year's 3,476 total.

Part of the reason for the sizable increase in summer enrollment is attributed to BSU's new call-in summer registration. For the first time, students were able to register for summer classes and pay fees with their credit card over the telephone. □



## BSU GOES GREEN WITH RECYCLING

Boise State hopes to become "a better environmental citizen" with several new programs sparked by the recent celebration of the 20th anniversary of Earth Day.

A campuswide recycling program, conservation measures, a system for handling hazardous wastes, and environmentally sound purchasing policies are among the plans targeted by the newly formed President's Environmental Policy Committee.

John Franden, executive assistant to President John Keiser, says the group's focus has been "to start a campuswide review of opportunities to see where we can be better environmental citizens."

Recycling is the first program to be put in place, with the collection of computer, white and colored paper. The paper will be picked up regularly on each floor of campus buildings by American Recycling of Boise. Cardboard and tin cans discarded by Marriott Food Service and the BSU Bookstore will be collected at the Student Union.

Education is a key element of the new campus programs, which are hoped to create new more environmentally conscious habits among BSU faculty, staff and students. The committee is planning a brochure to be distributed this fall with recommendations for making the campus more environmentally sound, and an instructional column is expected to run in the faculty/staff newsletter. □

## TECHNOLOGY DEAN JOHN ENTORF DIES

John Entorf, dean of the College of Technology, died of a heart attack June 24 in Kalispell, Mont., while returning from a vacation in Canada. He was 59.

Entorf was named the first dean of the College of Technology in July 1989. Tom MacGregor, hired as acting associate dean last spring, will replace Entorf while the university conducts a national search for a new dean.

MacGregor, a longtime Boise construction contractor, served as director of the Ada County Highway District for four years before coming to BSU.

Entorf helped define the fledgling college's future by developing a bachelor's degree program in manufacturing technology, which was approved by the State Board of Education earlier this summer.

He supervised programs in vocational technical education, pre-engineering, construction management and applied science.

He also directed the opening of Boise State's new \$5 million Technology Building in January. □

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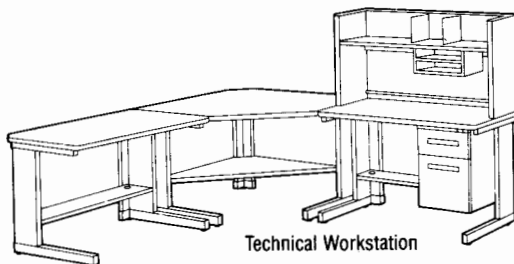
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## SILVER MEDALLIONS AWARDED TO FOUR

Retiring chemistry professor Robert A. Hibbs, graduating student Laura Hobbs, local businessman and alumnus S. Hatch Barrett and state Rep. Janet S. Hay were the recipients of BSU Silver Medallion awards for 1990 during commencement exercises in May.

Hibbs, who retired after 25 years at Boise State, received the prestigious award for his many contributions to the university, said President John Keiser during the ceremonies.

"He has been a demanding teacher with high standards and expectations," said Keiser. "Upon finishing his classes, his students have complimented him regularly for a quarter of a century."

Hibbs served in several professional organizations and as a consultant to the state's health, forensics and agricultural labs.

Hobbs, who received a bachelor of business administration degree, magna cum laude, was cited "not only for her excellent academic achievement, but her record of service," said Keiser.

Hobbs served as the state FFA coordinator for the Idaho Division of Vocational Education, as a leadership counselor at the national FFA conference in Washington, D.C., and as a marketing assistant with the Idaho Department of Agriculture.

Keiser called Barrett "a remarkably unselfish individual who never says no to a request for help, and as a man who consistently understates the impact of his efforts."

Barrett, Keiser said, "has long been a faithful advocate, supporter and valued adviser to the School of Vocational Technical Education."

He is also past director and continuing trustee of the BSU Foundation as well as a multiple-term director and past president of the Bronco Athletic Association. Barrett also conceived, organized and successfully marketed the lifetime membership concept for financing the Pavilion.

Hay, Keiser said, "is highly respected, not only by BSU, but by the entire state of Idaho. ... [She] has established an outstanding record of interest and support for both public school and higher education."

Hay served 12 years as a member of the State Board of Education, "where her record was commendable and where no one of her fellow members was better informed than she," said Keiser. Most recently, Hay served as a representative from District 11 in the Idaho Legislature.

"In that capacity her interest and ideas for improving both public and higher education are exemplary," Keiser said. □



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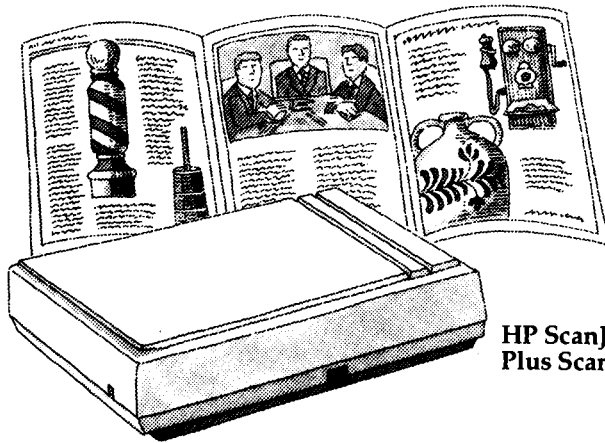
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## HAUSRATH RECEIVES FULBRIGHT GRANT

Boise State mathematics professor Alan R. Hausrath has been awarded a Fulbright Scholar Grant to teach at the University of Botswana from this August to May 1991.

As part of the Fulbright Scholar Program, approximately 1,000 American scholars will go abroad to lecture or conduct research during the 1990-91 academic year.

"I'm excited and pleased," says Hausrath. "There is some degree of competition involved and I was pleased to be recognized." Hausrath's wife, Anne, and their three children will accompany him.

Although Botswana "isn't a garden spot," says Hausrath, it is one of the more progressive Third World nations of Africa. "They have a multi-party parliamentary government that has chosen to invest in the country's economy," he adds.

The native language is Setswana; English is also spoken.

Why Botswana? "I was looking where the math Fulbrights were going and over the last eight to 10 years most of them were targeted toward Africa," Hausrath says.

Hausrath will teach applied mathematics and mathematics education the first semester and differential equations and calculus the second semester at the university.

BSU has been a regular participant in the program, sending professors to Yemen, Brazil, China and Austria and hosting professors from Turkey and Yugoslavia. □

## GRANT GIVES IEDC FOOD FOR THOUGHT

The packaging of specialty food products will be studied by the Idaho Economic Development Center (IEDC) under a one-year \$65,000 grant from the Northwest Area Foundation.

The IEDC, a unit of the BSU College of Business, will analyze food processing for Idaho products such as lamb and elk sausages, huckleberry jellies and syrups and potato-based ice cream.

"Specialty food products companies have expressed strong support for the development of in-state production facilities to accommodate the processing and packaging needs of the growing industry," says Ronald Hall, IEDC director. "Many of them are constrained and frustrated by the lack of processing facilities in Idaho. Some go outside the state to do their processing, which means a loss of jobs and revenues to Idaho."

The Northwest Area Foundation, based in St. Paul, Minn., supports projects that promote the economic revitalization of an eight-state region. □

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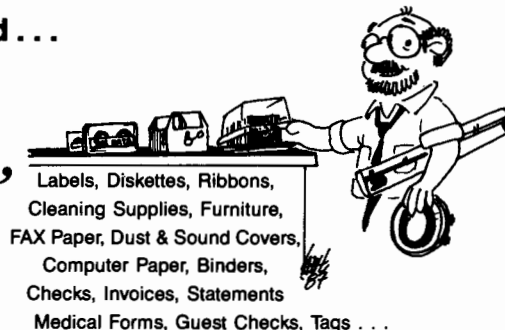
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## DINNER WITH TEACHER ZHANG

By Peter M. Lichtenstein

Tianjin, PRC  
March 10, 1990.

Yesterday evening I was invited to dinner at Teacher Zhang's house. Zhang is a young faculty member, about 35 years old, and one of Nankai University's rising stars. He is frequently invited to deliver lectures at other universities around China, and he has dozens of publications in scientific journals. Zhang has a reputation as an excellent — and outspoken — teacher. He has a lovely wife and a 4-year-old son.

Zhang and his family live on the second floor of a three-story brick dormitory for couples with one child. Dozens of bicycles crowd the narrow entrance to the dorm and lean precariously against one another. You must carefully negotiate your way around them to avoid sending them all crashing to the floor. Inside, the long hallways are dark and cavernous. A 15-watt bulb flickers at one end of each floor. Old boxes, bottles, newspapers, suitcases, broken furniture — all valuable items which cannot be thrown away — are piled up along the walls of the corridors. All color is suppressed by the layers of dust and by the shadows from the dim light. The floors and walls are made of concrete, and they are damp and moldy. The paint is old and peeling off.

Upon arrival, I am immediately assaulted by a variety of pleasant and unpleasant odors. It is dinner time, and the smell of cooking seasons the otherwise musty and dingy air inside the building. The communal toilets on each floor also send out a vile smell which sears the nostrils and makes the eyes water, adding to the pungent atmosphere.

Like everyone else in the dormitory, Zhang and his family have only one room. The room is 10 feet by 12 feet, about the size of my office at BSU.

Cooking is done in the corridor where tenants share the use of a large bottle of propane gas and a wok. At meal time, a round portable table is unfolded and placed in the center of the room, leaving no space at all to walk around.

Zhang's room has no door. An old bedspread hangs over the entrance and the hallway draft periodically blows it open. Privacy in China is a luxury. Children race around during cooking time, oblivious to the hardship which surrounds them. They peek inside Zhang's room every now and then, trying to sneak a glimpse at the *lao wei* (a discourteous yet often-used term for "foreigner") whose arrival has created quite a stir on the floor.



Teacher Zhang and his family live in a 10-by-12-foot room in this dormitory in Tianjin.

Foreign guests arrive rarely, because Zhang and his wife, like all other families in the building, are too ashamed of their living conditions to invite them over. Yet, despite the destitution in which he lives, Zhang is ambitious and has a very positive attitude toward life. After his child is put to bed he usually works into the early morning hours doing his research, writing articles and preparing lectures.

Teacher Zhang strongly identifies with the pro-democracy movement which was so brutally crushed last year and he was actively involved in the demonstrations. Today, Zhang is still very outspoken against the current regime. He is more open about this than most Chinese are, and he regularly admonishes his students not to retreat into passivity and to keep up their spirits. He seems to feel invulnerable to any political repercussions, or perhaps he just feels the issues are important enough to take the risk.

He tells me over dinner that the university students today are profoundly dejected. Their spirits have been crushed by the ruthless slaughter last year. First-year students must take compulsory military training, which consists of little more than mindless marching drills and listening to equally mindless political harangues. Undercover agents roam the campus and infiltrate the classrooms. The campus gates are guarded and ID cards must now be displayed upon entering or leaving the campus.

There has been one suicide related to the police roundups and arrests following the Beijing carnage. Study abroad has been severely curtailed. University graduates have little to look forward to as good jobs are scarce because of the faltering economy. And job assignments are now based more on a student's political record than on his or her academic record. Students no longer study hard, they skip classes, and university offi-

cialists must periodically scold them for their lack of enthusiasm. There is indeed little reason to study hard, and this places an enormous burden on Teacher Zhang who must come up with some way of motivating his students.

Teacher Zhang sees a real connection between himself and his society. He identifies himself and the work he does with "building China." It is a patriotic attitude which I find quite typical among most Chinese intellectuals I know. I think this spirit may be partly due to the socialist philosophy which was part of his educational background. Social responsibility and a collective sensitivity are important parts of Chinese education (as is suppression of free thought).

In the United States, on the other hand, we do not view the world in the same way. In our work, we professors do not feel that we are "building America." There exists no bridge between the American university professor and American society as there is between the Chinese university professor and Chinese society.

I left Teacher Zhang's house with many strong feelings. I felt awed at the inner strength and resiliency of China's intellectuals, both professors and students alike. I felt depressed by the physical conditions under which they must live. I felt saddened and angered by the political repression which now constrains them. I felt a yearning to share these feelings with my BSU students. And I felt stuffed after having eaten a gourmet Chinese dinner of shrimp, crab, dumplings, fish, fresh vegetables and watermelon. □

*Peter Lichtenstein is a professor of economics at Boise State. He spent one year as a Fulbright scholar at Nankai University and spent four months there earlier this year as a consultant for the World Bank. □*

# And The Big Lottery

## Idaho Wins.

Astonishing. Remarkable. A huge success! In just one year, the Idaho Lottery sold over 60 million tickets, paid \$29 million in prizes, raised \$17 million for school and state buildings and earned \$3 million for its retailers.

The people who play the Idaho Lottery expected — and got — a Lottery that that runs efficiently and honestly. In return, player enthusiasm has inspired the Lottery to create and offer more innovative games that continue to raise revenue for Idaho at an amazing rate.

## You Play For Fun . . .

Idahoans have caught the spirit of playing the Lottery just for fun. There's a whole lot of scratching going on! Instant scratch games bring the anticipation of winning. And waiting to hear the winning numbers in IDAHO SUPER LOTTO Lotto★America is a different kind of fun.



Here are just a few of the lucky Idahoans who played for fun, and won.

## You Play For Idaho.

When you play the Idaho Lottery, whether it's an instant scratch game or IDAHO SUPER LOTTO, the money you spend stays in Idaho. The Idaho Lottery Act set specific guidelines on how the money is used:



50¢ Winners

26.5¢ Construction/ Improvements of Schools  
and Public Buildings

5¢ Retailer Commission

3.5¢ Advertising & Promotion

15¢ Administration

Dividends, or profits (about 26.5% of every dollar) are deposited into two funds: half to the Public School Income Fund for use by Idaho's 114 school districts for building needs, and half into the Permanent Building Fund for colleges and state agencies.



Idaho Lottery Director Wally Hedrick with a check for \$17,225,000.00 made out to the people of the State of Idaho. Profits from the Idaho Lottery are split equally between the Public School Income Fund and the Permanent Building Fund .

# Winner Is . . . Idaho!

## Games Idahoans Play.

Idaho Lottery players love instant scratch games. Big sales and fun times were had playing and winning Instant Doubler, Money Magic, Mountains O' Money, Double Buckaroos and more. Retailers enjoyed the nicknames the public gave their favorite tickets: "Let's try five of those rabbit tickets," and "I'll have two ducks." The Idaho Lottery is devoted to offering games with fun themes and different ways to play. It's paid off: Idaho's Lottery ranks number two among the nation's lotteries in instant ticket sales per person.



## 46 Reasons Why The Lottery Is A Winner

The Idaho Lottery's 46 fulltime employees are proud of their part in the Lottery's remarkable first year. Their dedication and teamwork behind the scenes makes the fun happen, day after day.

Director Wally Hedrick sets a strict standard of integrity, efficiency and excellence. Under his leadership, the Lottery team has devoted themselves to bringing players fun and interesting games, paying winners promptly and efficiently, and working with colleagues to ensure the Lottery's commitment to integrity.

## OnLine With SuperLotto.

Idaho Lottery players wanted a game with multi-million dollar jackpots, and the Lottery found it. IDAHO SUPER LOTTO Lotto★America was launched February 1, 1990, with twice-weekly minimum jackpots of \$2 million. This multi-state lottery organization has 14 members. It's been a big hit with players: in only 5-1/2 months, 7.3 million tickets have been sold in Idaho!



All of the profits from IDAHO SUPER LOTTO stay in Idaho, breaking down the same way as instant scratch games. The Idaho Lottery contributes about 37% of sales to the Super Jackpot winner.



*play for fun play for Idaho*



# GIMME THAT OLD-TOWN REVIVAL

By Glenn Oakley

Ghost towns are a big tourist draw these days, but don't ask any Idaho community to volunteer for the honor.

The prospect of becoming a collection of abandoned buildings and lost memories is all too real for a host of small, rural towns. Like the ghost towns of Silver City, Custer and Chesterfield, most small towns in Idaho have relied upon one of three industries—mining, timber or agriculture.

When times are good, the going is great. But a drop in silver prices, a slowdown in the national housing market, the re-routing of a highway, or a drought can single-handedly devastate these communities.

For these rural towns the choice is becoming clear: diversify or die. That's the bad news. The good news is, diversification works. Economic diversification projects conducted by the state of Idaho and Boise State University are encouraging a renaissance among numerous Idaho towns. Some examples:

The former mining town of Kellogg has a new gondola to whisk tourists to a mountaintop. A few years ago the gondola was just an idea, studied and promoted by BSU's Idaho Business and Economic Development Center (IBEDC). That study, says IBEDC director Ron Hall, "gave Kellogg the tools to go to [Sen.] Jim McClure," who in turn secured federal funding for the gondola.

While Buhl farmers once shipped their beans and corn to processors in the East, the raw products are now converted into B&M Baked Beans and Green Giant canned vegetables. In addition, the town is host to an apiary, a mink farm and Rangen, a national supplier of commercial fish feed. "Buhl has

got to be one of the most integrated agricultural communities in Idaho," says Galen Schuler, a BSU graduate and economic development specialist for the Idaho Department of Commerce. "They've got all the bases covered."

Sandpoint, a picturesque lakeside town in the Panhandle, is one town that successfully diversified its economy while maintaining its traditional timber base.

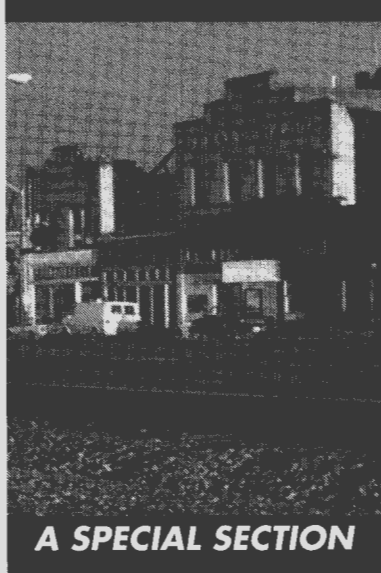
Mayor Ronald Chaney says, "About three and a half years ago we recognized timber was our sole source of employment and we were aware timber was extremely cyclical." Eighty-eight people from Sandpoint agreed to chip in \$1,000 a year for a five-year period to hustle business. They hired an executive director for their organization, Sandpoint Unlimited, prepared a video and brochures touting the attractions of the town, and sent delegates to trade shows and conferences.

"We're looking for only clean, non-polluting industries that will not negatively affect our infrastructure," says Chaney. Thus far Sandpoint has lured two German manufacturing companies, is developing a raspberry business and has expanded its tourism base. It also boasts the SERAC clothing manufacturing company and the makers of Lighthouse salad dressings.

With its forest-lined lakes, stunning scenery and Schweitzer Basin ski resort, Sandpoint has the resources to build industries and lure those individuals with creativity, education and wealth.

Not all communities have it so easy, and not all are so choosy about the type of industry they attract. Jim Weatherby, director of

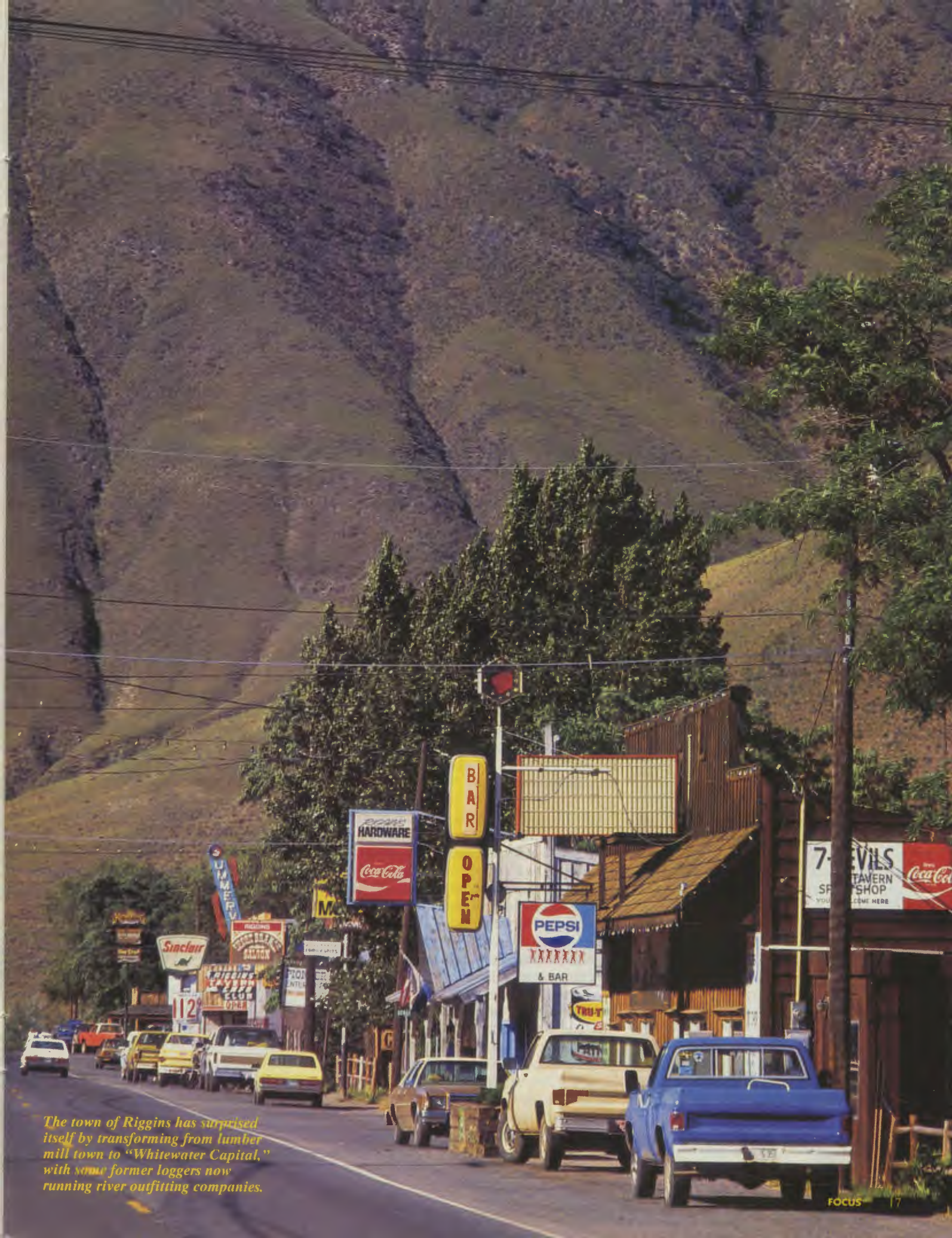
## SMALL TOWN IDAHO



A SPECIAL SECTION

**The watchword for  
rural towns:  
diversify or die**





*The town of Riggins has surprised itself by transforming from lumber mill town to "Whitewater Capital," with some former loggers now running river outfitting companies.*



*No malls here. Main Street remains the heart of small towns like Emmett.*

Boise State's public affairs program and former executive director of the Association of Idaho Cities, says, "There are many communities desperate to survive and they are willing to look at almost any kind of economic growth, whether it be tourism or the siting of a maximum security prison." He notes that 27 Idaho towns competed for the siting of the newest maximum security prison. It was eventually built south of Boise adjacent to the existing penitentiary.

But Schuler preaches that, "Virtually any town, no matter how poor the conditions, if they decide they want to continue to be a town, can start off in a new direction. Who is succeeding are the towns that have the interest and leadership, and the ones that don't are drying up and blowing away. Economic development is a state of mind more than a resource."

The town of Bancroft in southeastern Idaho, says Schuler, has "probably had one of the hardest times of any community in the state." Yet Schuler says the town has been trying hard to develop other businesses and industries.

Mayor Robert Jenkins describes what is happening in his hometown of Bancroft. "We're a dying community with no empty homes," he says, explaining that, while the town's population seems relatively stable at a little over 500 people, "We've got a lot of widow ladies who in 10 years won't be here. We don't have many young people. We have had four families move out since school let out. Right now we only have eight or nine

kids in our kindergarten. In Bancroft we've lost a service station and grocery store and a fertilizer business." While one fertilizer business remains, in early June the town had no gas station or grocery store. A convenience store was expected to open by July.

This agriculture-dependent town has suffered through several years of drought, was bypassed by Highway 30 and has lost several farms to the federal set-aside program, which pays farmers to not grow crops. Many of the set-aside farmers are now collecting their federal paychecks elsewhere, says Jenkins. "They don't even spend the money here anymore."

Like 21 other rural Idaho towns, Bancroft asked to participate in the Gem Community certification program which is administered by Schuler, a 1985 BSU political science graduate. The program includes a minimum of five training sessions on economic development and diversification; community assessment; the creation of long-term business retention and expansion plans; a community profile and land and building inventories, among other things. BSU's IBEDC has undertaken the business retention and expansion portion of the Gem Community program. Towns completing certification are given matching grants of up to \$10,000 to begin implementing economic development strategies.

Bancroft entrepreneurs have also sought and received assistance from BSU's Project Enterprise, a program providing consulting and marketing expertise to more than 30

potential and existing businesses, linking them with local, state and federal agencies and providing small start-up grants.

In Bancroft, Project Enterprise helped fund development of Narin Moore's woodcraft business, Moore Wood. A sewing business specializing in custom Christmas tree skirts, Tres Coy, was also started with Project Enterprise assistance.

Project Enterprise, which was funded by the U.S. Department of Commerce from 1987-89, focused strictly on economic development of existing natural resources. IBEDC, which administered the project, will seek state funding for Project Enterprise next legislative session. Hall believes Project Enterprise is "probably the most successful thing we've done."

Other Project Enterprise ventures started or expanded throughout the state include a berry growing and packaging business in Sandpoint, potato product skin lotion from Saturn Labs of Nampa, and the Ellsworth Mineral Water Co., Bellevue.

Schuler says a common mistake communities make is ignoring potential or even existing small businesses, while waiting for a Potlatch or a Micron or another big corporation to move in and save them.

The key for rural towns, he says, may be "doing smarter things" with existing resources. "A piece of wood is a piece of wood," Schuler comments, "but if you engineer it the way Trus Joist does," you have a value-added industry.

On the other hand, a number of commu-



GLENN OAKLEY PHOTO

## BOISE STATE OFFERS A HELPING HAND

With programs geared toward economic development and public affairs research, Boise State is at the forefront of providing assistance and information to rural Idaho. In its effort to help the state develop a healthier business climate, the Idaho Business and Economic Development Center (IBEDC) at BSU has expanded its services to Idahoans in all corners of the state with an added emphasis to encourage economic development in rural areas.

Among the IBEDC's numerous contributions are:

- A feasibility study that will look at developing one or more cooperative food processing facilities in the state. The IBEDC recently received a \$65,000 grant from the Northwest Area Foundation for the study, which could have a significant impact on Idaho's rural areas.

- Project Enterprise, a three-year economic development program that ended last fall. Project Enterprise awarded some 40 small businesses up to \$1,500 each to conduct feasibility studies and complete business plans. Some of the recipients are from rural areas such as Carey, Grangeville, Hammett, Peck, Shelley and Victor.

- Consulting services for some 740 small business clients. With sub-centers in Lewiston, Coeur d'Alene, Twin Falls, Pocatello, Idaho Falls and Mountain Home, the IBEDC is able to provide business expertise to nearly all of Idaho's rural communities.

Like the IBEDC, Boise State's public affairs program has played an important role in the development of rural Idaho communities. In the past year, the public affairs program received funding for four projects. They are:

- Developing a computerized inventory of Idaho's public infrastructure of roads, landfills, water and sewer systems.

- Identifying the capital needs of firms in rural Idaho and determining the availability of financing, particularly for small and medium-sized firms at high levels of risk.

- Comparing tax levels among nine western states and studying the influence of taxes on economic growth and retention, expansion and creation of business.

- Developing policy recommendations to improve rural library services. □

nities are discovering that trees may be worth more than the sum of their board feet. Creative business people are frequently drawn to towns like Sandpoint because of the beauty and recreation afforded by their surrounding untrammeled wild country.

And the wilderness can be a business in its own right as tourism emerges as a rival to the big three resource-based industries.

Riggins was a timber town until April 1982 when its mill burned down. "It became apparent they weren't going to rebuild the mill and we had to think of something else," recalls Mayor Ace Barton. "Within two to three years we had nine different [river running and hunting/fishing] outfitters. We have 11 now and they all seem to be doing OK." At least two of the rafting outfitters are owned by former loggers and millworkers.

Barton says many Riggins residents, "predicted when the mill went that would be the end of things." But he adds that the recreation-based economy is seasonal and can fluctuate with the flows of the Salmon River which runs through the town.

McCall has likewise shifted from a mill-town to a tourism town. And, like Sandpoint, creative individuals lured by the charms of the mountain town have started their own businesses, like Infinity Kayaks, Niki sportswear and Canyons Inc., outfitters and guides,

Far from worrying about the survival of the town, many McCall residents are expressing concern over the accelerating rate

of development and growth. A small town can die as easily from losing its residents as it can by adding too many too soon. Between San Diego developer Douglas Manchester's plans for McCall and the French-backed bid to turn the Cascade area into a world class resort, Valbois, some townspeople fear the valley may become a victim of its own success.

Rampant recreation-based growth in Sun Valley has paradoxically made for a booming economy in which the workers can no longer afford to live. With affordable housing as rare as spotted owls, the workers building the million-dollar second homes are commuting from as far as Shoshone, Jerome and Twin Falls — a 60-80 mile, one-way commute. And in such a volatile market as this, the housing/construction and tourism boom of the Wood River Valley may be as prone to busting as any silver mine.

The lesson seems to be that whether the industry be timber, mining, agriculture or a new, emerging business such as tourism or computers, reliance on a single economic base leaves a community vulnerable.

The big three industries that dominated Idaho during its first 100 years of statehood were often begun under great hardship and risk. Forging a new, diversified economy in the second century of statehood will require equally bold actions, says Schuler. "In the 1800s Idaho was a rough and tumble place and people took unbelievable risks," he says. "Is there a way we can get people to take those kinds of risks today?" □



Wendell  
Family Health  
Center  
Mark D. Spencer M.D.  
Jock C. Kulm D.M.D.

*The life of a rural doctor is not all roses for Dr. Mark Spencer, who runs the Wendell Family Health Center, but the work is challenging and the independence is rewarding.*

# Rx FOR RURAL HEALTH

**By Amy Stahl**

The diagnosis is not a healthy one: long hours, heavy financial burdens, professional isolation. For physicians who set up a rural practice, these issues seem virtually incurable. Some doctors wonder if it's worth it.

Dr. Mark Spencer is the only physician in Wendell, a town of about 2,000 northwest of Twin Falls. He has been practicing in the sleepy agricultural town since 1982 — and the going has not been easy. He gazes out his office window while reflecting on his medical career. Spencer asks himself, "Would I come back to a small town again? Probably not."

The young doctor's ambivalence is but one symptom of the ills that plague rural health care in Idaho. A physician shortage, soaring costs of malpractice insurance, and hospital closures are threatening the quantity and quality of care in the Gem State.

A dwindling supply of rural doctors like Spencer is becoming a serious problem. Idaho ranks 49th in the nation in physicians per person, according to a recent government report. Further, there is a significant gap between the number of physicians in rural Idaho — 74.5 per 100,000 people — and those in urban areas — 199.6 per 100,000. The U.S. average in 1986 was 246 physicians per 100,000.

And the gap is increasing. A 1989 study for the National Rural Health Association found that the number of rural practitioners could decrease 25 percent by 1994. The shortage is being felt in small towns from St. Maries to Arco, Preston to Payette — with no immediate end in sight.

Experts look at the statistics and wonder: Are there enough medical students to go around in primary care fields like obstetrics, and will those students choose to practice in a rural area?

One solution is to recruit students from rural areas. Statistically those students are more likely to set up a rural practice than is a student raised in an urban area, says Linda Terrell of the Boise-based Idaho Rural

Health Education Center (RHEC). RHEC, a non-profit corporation that operates under a contract with the University of Washington, is charged with recruiting and training health-care practitioners for rural Idaho.

Spencer fits the rural-student profile. A native of Libby, a small community in northwestern Montana, he attended the U of W medical school through the Washington-Alaska-Montana-Idaho (WAMI) regional education program. As part of WAMI, states like Montana, Alaska and Idaho that have no medical school buy medical school "seats" for their students at the U of W. Spencer completed his residency in California and then moved to Gooding County, joining several colleagues who had set up shop in nearby Jerome.

Another option for enticing students to choose a rural practice is to encourage them to intern in a small-town setting. It is thought that students who have been exposed to the challenges of rural health care and small-town lifestyles will be more likely to make it their career. Nine Idaho WAMI students are participating in one such program this summer. As part of the Rural/Underserved Opportunities Program, the medical students are working in Rexburg, Hailey, Nampa, Troy, Shoshone and Emmett, as well as towns in Alaska and Washington. Five Boise State nursing students are participating in a similar first-time program in rural hospitals.

Once lured into a rural practice, physicians are becoming more protective of their free time, says Loyd Kepferle of RHEC. "The problem," Kepferle says, "is that in some of those communities, doctors don't have time to enjoy it (free time). We need to pay more attention to their need for personal time with their families."

Like Spencer, some rural physicians are virtual one-person operations, with office staff but few colleagues to cover their on-call shifts should they go on vacation or become ill. Spencer says another doctor

**The question for many Idahoans: 'Is there a doctor in the town?'**

would help lessen his workload in Wendell, but he's been too busy to recruit one.

He also worries that the quality of care suffers because of his isolation from the medical community. As a rural doctor, he says, he "must be a generalist, and as a generalist I have to deal with a lot of uncertainty." He doesn't always have time to make an exhaustive diagnosis and often lacks the luxury of consulting another physician for a second opinion.

While doctors may be in short supply, other professionals such as nurse practitioners and physicians assistants with advanced training are meeting some communities' needs. Smaller towns like Horseshoe Bend that lack the resources to hire a physician have successfully capitalized on the advanced skill levels of these professionals.

Yet state law requires that a physician be available to supervise health-care professionals on a regular basis. "The doctor is the keystone," says Kepferle. "You have to have the physician before any other part of the health-care system."

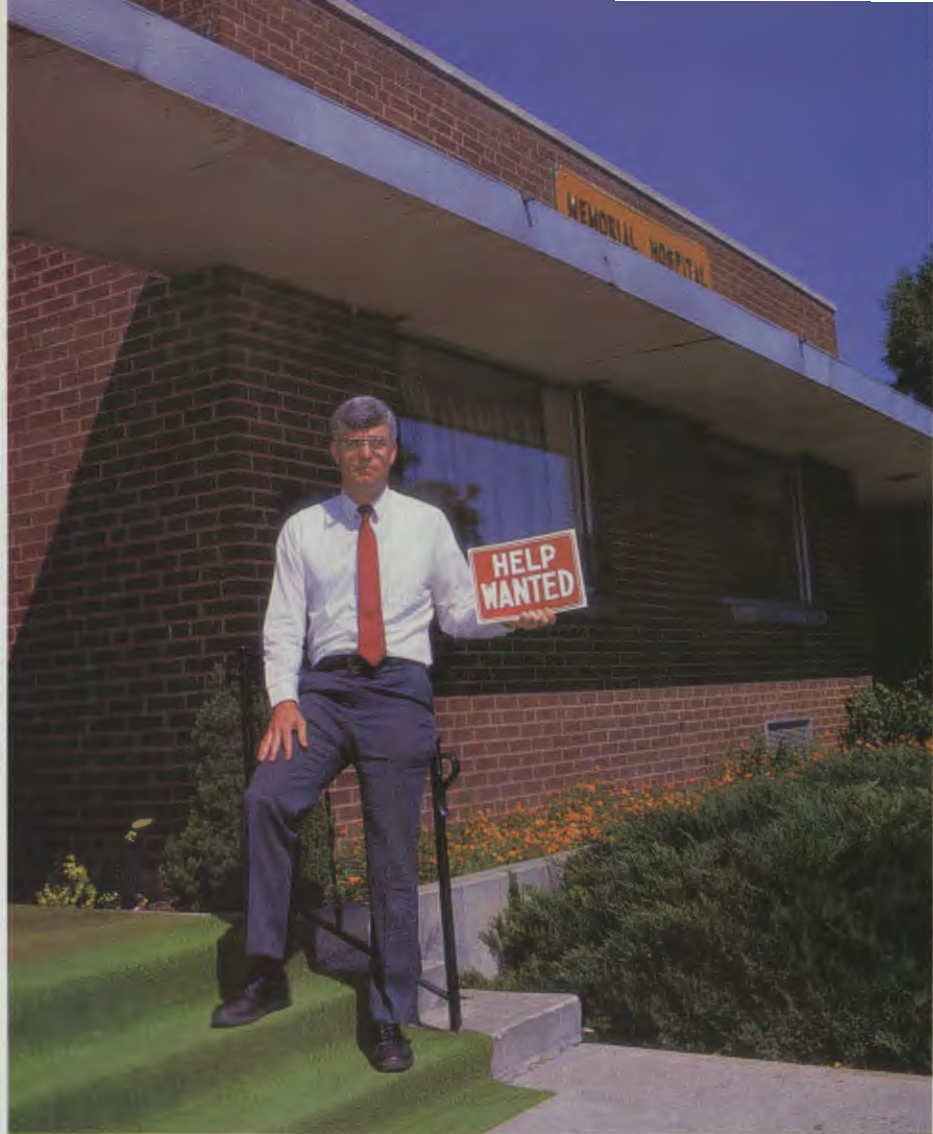
Keperle's statement is especially true in Weiser, where two of the town's three doctors will retire within the next 2-3 years and the third may not remain if he is the only physician left.

"If we lose our doctors, we lose our hospital," says Phil Lowe, administrator of the Weiser Memorial Hospital and leader of a community-wide effort to find a new doctor.

In 1989, the town began a recruitment fund drive that now totals \$30,000. That money was originally earmarked to hire a recruitment firm, but now will be used as part of a benefit package that will go directly to the new doctor.

Even with that incentive, only one doctor has shown a serious interest, and he decided not to come, says Lowe. But, he adds, "that is one more doctor than most of the other Idaho hospitals have attracted."

There is more than adequate health care at stake. City officials estimate that the



*Weiser's call for help has not landed a new doctor, says hospital administrator Phil Lowe.*

spinoff from a hospital closure could result in a loss of 300 jobs, and seriously damage any opportunities for economic expansion.

After a doctor has set up shop and the welcome mat has been put away, some communities do little to help them succeed financially. Eldon Edmundson, dean of BSU's College of Health Science, says small towns that wish to keep their local hospitals operating and physicians in business must also show their allegiance as patients. Patients with time on their side and the freedom to travel are choosing to make health care incidental to other big city attractions such as shopping and entertainment, Edmundson says.

"Twenty to 30 years ago, when people were less mobile, they used their local physicians. A lot of this is a cultural issue," he says, adding that although patients are patronizing local hospitals less frequently they still depend on the facility to help shape their community's identity.

Without patients, of course, a doctor's practice will flounder. But the physician faces a further hurdle in growing numbers of

federal regulations "Every few months someone adds a few rules and doesn't take the others away," Spencer notes. He spends two to four hours per day plowing through paperwork and was forced to buy a more powerful computer to meet the increasing demands.

Greater restrictions on Medicare, Medicaid, malpractice insurance and an inequitable redistribution of payment for services in urban vs. rural settings is taking its toll. "We're not only seeing hospitals weakened and forced to close, we're seeing physicians forced to leave the area and move to urban areas," says Richard Packer, administrator of the 86-bed Cassia Memorial Hospital and Medical Center in Burley. "It's a chicken or egg; the hospitals can't survive without the physicians."

Indigent care is one of the headaches troubling the small institutions. Administrator Newton States of Emmett's Walter Knox Memorial Hospital sighs, then shrugs when he talks about the figures. In 1989, the Emmett hospital assumed \$108,000 in bad debts, and he predicts the figure will

climb to \$150,000 this year. Yet administrators are loath to turn away patients — even those who are unable to pay for the most minimal care.

More than 300 U.S. hospitals, about half of which are in rural areas, have been forced to close since 1983, according to the American Hospital Association. In Idaho, Council recently rallied to keep its embattled hospital open, but others have been less successful. In the last four years, hospitals have closed in Downey, Ashton and St. Anthony. The future of such small-town hospitals is cloudy. Edmundson thinks that many rural hospitals will ultimately need to restrict the type of care they provide by shifting from long-term to emergency care.

Yet the “cradle to grave” care rural patients receive is second to none, says Sharron Hollingsworth, director of nursing services at the 39-bed Walter Knox Hospital. Health care in a small hospital is quality care with a personal touch, she says, adding, “My philosophy is that every entrance into that room is valuable time with that patient, time to interact and therefore the patient gets better care.” Further, with better technology, medication and treatments, people are getting healthier faster and staying healthy longer.

Another advantage, Spencer says, is that you can be your own boss. And although he finds elements of his practice stressful, it can be challenging. Further, there’s no such thing as nothing to do. “You don’t ever feel like you’re sitting around twiddling your thumbs,” he says.

Hollingsworth says many rural health-care providers find the diversity of the practice more satisfying than their specialized urban counterparts. She says several of her hospital’s staff members commute from Boise to Emmett because they so enjoy the small-town working environment. “For those who love a challenge and doing something different every day, this is an ideal setting,” Hollingsworth says. □

## A NEED FOR NURSES

By Amy Stahl

A rural nurse is worth her weight in gold. She can do everything,” says Kathleen Callaghan, a BSU assistant nursing professor. A registered nurse who worked for 13 years in small Wyoming towns, Callaghan knows firsthand about the challenges faced by rural nurses.

It can be a lonely and difficult profession, but rewarding as well, Callaghan says. Accordingly, she is enthusiastic about the learning experience five BSU student nurses are getting as participants in her department’s first rural internship program. This summer the students are working in hospitals in Caldwell, McCall and Nampa.

The program, funded for three years with a \$5,800 grant from the Idaho Rural Health Education Center, is designed to familiarize students with rural nursing in the hope that they will one day choose to practice in a small town.

Callaghan says the internships expose the students to new possibilities “and it gives the rural hospitals the opportunity to tap into our students.”

Registered and licensed practical nurses are in short supply throughout the state, says Linda Terrell of the Idaho Rural Health Education Center. “I don’t think there is any area that’s suffering any more than any other,” she says.

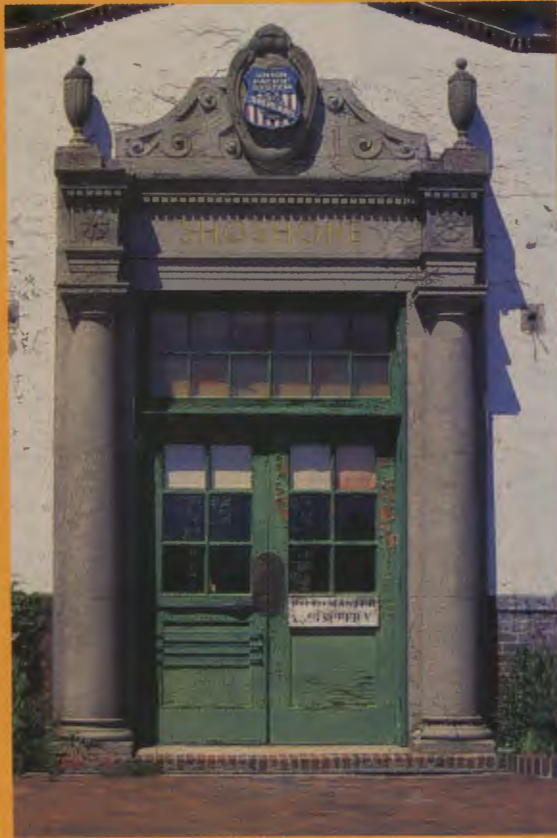
American Falls, Council, Kellogg, Malad, Rupert and St. Maries were among the Idaho communities attempting to fill from one to six nursing vacancies this summer, Terrell says.

The new rural nursing internship program is but one of the university’s efforts to help ease the pinch felt in rural health today. Eldon Edmundson, dean of BSU’s College of Health Science, is on the board of the Family Practice Residency Center, a group that attempts to place badly needed family practice physicians in rural hospitals.

Edmundson said BSU is involved in studies to identify community needs and determine why patients are leaving their small towns to seek care elsewhere.

The university also offers continuing education opportunities for health-care professionals, including satellite classes, workshops and interactive TV courses that allow teachers on campus and rural students to communicate by telephone.

BSU also meets some employment needs by graduating pre-med students, respiratory therapists and technicians, and nurses. But the numbers just aren’t there. “We graduate just about enough to meet the local municipalities’ needs,” Edmundson says, adding that he hopes programs such as the rural nursing internship will be one step toward meeting the needs of rural areas. □



pamphlets and maps of the Caves and Sun Valley. Cooper hunted the town, recently released (inset).

Zech's customers are mostly residents, who include many from Sun Valley.

D.C. Fullmer, a local resident, decided to open shop and barber.

Leora Coffey, a local resident and collector at the Sun Valley Museum, a collection of the continent of the world.





## SHOSHONE...

Shoshone might have the widest main street in Idaho, split as it is by the Union Pacific railroad, with a road on either side of the tracks.

Trains still pass through this town set on the lava rock desert north of Twin Falls on state Highway 75. But the UP has cut back on its operations and only a skeleton crew staffs the handsome depot, now falling into disrepair.

Agriculture has always been the mainstay of Shoshone, but even at the turn of the century, tourism played a major role for this desert town of basalt block buildings. The trains brought tourists lured by

magazine stories to nearby Shoshone Falls, the Shoshone Ice Valley, 70 miles to the north. Ernest Hemingway and Gary the desert around Shoshone and drank at the town soda fountain located and refurbished by California transplant Jeni Zech

ers include tourists, who pass through on the highway, and the increasingly also pass through town on their way to work in

a semiretired barber from Jerome, comes to town once a week and cut the ever-graying hair of Shoshone's residents (left).

at 93 years, continues to welcome guests to her Wild Animal section of big game trophies she hunted and killed "on every world." □



# RURAL IDAHO GETS WIRED

**By Bob Evancho**

Although Idaho's wide-open spaces are one of its more appealing features, the state's sprawling geography has often been an obstacle for the educational opportunities of its rural residents.

With vast expanses of mountains, wilderness, desert and farmland separating much of the state's rural population from institutions such as Boise State, many rural residents — children and adults — have not enjoyed the same educational advantages as their urban counterparts.

Technology at BSU's Simplot/Micron Technology Center (SMTC), however, is rapidly closing that gap.

Like many other colleges and universities nationwide, Boise State is utilizing its state-of-the-art array of delivery systems to connect itself with Idaho's remote areas. Since 1986, when the SMTC opened, BSU has played a major role in "distance learning" by producing its own telecourses and transmitting them via microwave, satellite, telephone and cable TV.

The two primary SMTC-produced delivery systems are ITFS (instructional television fixed service or interactive television for students) and IREDS (Idaho Rural Education Delivery System), both of which are interactive, which means students at the off-campus sites can interact with the campus classroom "live." In addition, micro-computer networks and FM radio offer two more avenues for Boise State to reach outlying areas. (See box, page 29.)

The reason for this explosion of alternative instructional delivery systems is simple, explains BSU President John Keiser. Because it serves Idaho's 22,000-square-mile southwest corner, the university was "looking desperately" for ways to reach its rural constituency.

"We're spread out over 10 counties, so it's obviously difficult for some people to commute back and forth to the institution," Keiser says. "Given that the State Board of Education has identified Boise State as the

network center for the statewide telecommunication system, we need to go beyond the campus — and not just in the area of education, but in public service as well as [providing] applied research results.

"I've talked before about Boise State in the metropolitan context and how we need to come up with a technological delivery mechanism for what is our version of a metropolitan area. It just so happens that our area is bigger than some states."

Having the wherewithal to deliver ITFS and IREDS telecourses to rural areas is half the battle, says Keiser. "We've got all the electronic paraphernalia pretty well mastered now," he comments. "It has just become a matter of management, scheduling and pedagogical concerns."

Cost is a bigger consideration, however, for education delivery via the SMTC's satellite uplink. Since its installation in 1987, the 9-meter "earth station" has been used to beam signals — including footage of breaking news to national TV networks — to commercial satellites. Major networks, however, have their own transponders; BSU must pay for expensive transponder time to transmit its own programming.

According to Dick Graybeal, SMTC engineering manager, transponder time can be up to \$250 an hour mornings and afternoons and more than \$590 an hour during prime time. "And that doesn't include production costs if it's a live teleconference transmission," Graybeal adds.

All told, the cost can be somewhere between \$1,500-\$1,700 an hour for a live teleconference.

Nevertheless, the uplink has been an effective delivery system for some Boise State departments. BSU's Idaho Business and Economic Development Center has used it for statewide economic diversification teleconferences and last fall the university's nursing department received a grant from the Idaho Rural Health Education Center to offer a three-credit upper-division

**Distance learning  
allows BSU to  
reach state's  
remote areas**



Giovanna  
1976-80

**'We have to consider when the learner has the time and the energy to learn'**

telecourse. The semiweekly teleclass, taught by BSU baccalaureate nursing program director JoAnn Vahey, was conducted live in the SMTC, beamed to a satellite 22,300 miles in space, and transmitted back to 40 students at 13 interactive receive sites in rural Idaho and eastern Oregon.

"If we receive another grant I think we could do it again," comments Vahey. "With the network in place ... I think we can find a way to do it cost-effectively. We need to do more of these kinds of courses if we can receive financial assistance. It helps the university build rapport with a lot of people in rural areas."

At a time when more and more middle-aged and senior Americans are attending college part time, location and convenience are increasingly paramount. "In a few years the majority of the students nationally are going to be between 35-70," Keiser points out. "They're not going to be the types that stay in dorms."

Indeed. In his book *July 20, 2019: Life in the 21st Century*, futurist Arthur C. Clarke predicts that, "Most people will attend school throughout their life. Recreational learning will become popular as increasing technological efficiency creates more leisure and tomorrow's fast-changing technologies will require workers to seek constant training and retraining."

Ted Eisele, ITFS and IREDS manager, says BSU and other institutions need to recognize the changing priorities occurring among America's college students. "There is a feeling among educational institutions that we have reached the point of saturation with bringing people on campus," he remarks. "In today's society convenience is becoming more and more important and we have to address the convenience factor. We have to consider when the learner has the time and the energy to learn."

Do these trends indicate the beginning of the end of the traditional university?

"No, but you still don't have the collegial setting on the agenda of all students," replies Keiser. "You also need to consider the graying of the collegiate faculty. [America's universities] are not producing as many Ph.D.s, and with the available technology it will become more and more necessary to have one instructor teach many students."



*Idaho's rural schools receive mathematics classes*

Thanks to ITFS and IREDS, many more Idaho students — young and old — can avail themselves of outstanding teachers' knowledge and insight. Eisele acknowledges that distance learning has its trade-offs, such as a decrease in interaction between teacher and student, as well as between students. "But studies have shown that distance learning is not worse or less effective than in-class instruction," he adds. "In addition, when you have a technology like this you can 'package' an exemplary teacher. If you have a person like [Borah High School's] Bob Firman, who is an excellent math instructor and teaches one of our IREDS courses, you have one person of his caliber reaching 15 or 16 school districts. Under normal circumstances he wouldn't have the time or energy to do that. ... Plus the fact you have the opportunity to videotape his courses and build a library."

ITFS averages about 28 hours per week of for-credit programming each semester. Courses for the fall 1990 schedule include mathematics, criminal justice administration, accounting, Spanish, history, sociology and teacher education. Approximately 150 students will take for-credit ITFS courses in the fall while 50 students are expected for the non-credit workshops. IREDS averages about 13 hours of programming per week. Fall IREDS classes are math, Spanish and art; between 125-150 students are expected to take the classes this fall.

A primary challenge facing telecourse instructors is to integrate effective uses of



GLENN OAKLEY PHOTO

from BSU's Simplot/Micron Technology Center.

the technology with worthwhile instruction. When Pat Bieter's philosophy of education course was placed on last year's ITFS spring schedule, he decided it was important to meet his long-distance students. Almost half of Bieter's 30 students for the graduate-level teleclass met at ITFS sites in Nampa and Fruitland.

"We had the group meet at a restaurant in Nampa for the second class," says Bieter, a BSU professor of teacher education. "We got to know each other so that the [Nampa and Fruitland] students were not disembodied voices over a telephone; I knew who they were and a little bit about them and that helped a great deal."

But the technology is not without its problems. "I'm a real reader of faces and that's why it's good to have the students in Boise," says Bieter. "If something is not clear people won't always say so; you can often tell it in their faces. But I can't see them. Also, we didn't have immediate communication with Fruitland. They had to dial the phone and wait to ask questions. But what I did was go over things with the Fruitland students during the break."

Bieter adds that the difference in performance between the in-class students and the TV students was negligible. He also plans to teach the course again this fall. "I think if it's just a matter of 10 miles or so, the student is better off coming on campus," he says. "But when you start talking long distances, the ITFS system is great."

The gap continues to close. □

## REACH OUT AND TEACH SOMEONE

By Bob Evancho

With most of the systems originating from the Simplot/Micron Technology Center (SMTC), Boise State University is able to reach Idahoans — and others — who live beyond reasonable commuting distance from Ada County through several media:

- ITFS is transmitted via microwave and provides for-credit BSU telecourses and some non-credit, college-level workshops to specific receive sites. All teleclasses are "interactive," which means students at the off-campus sites can interact with the campus classroom "live." With a two-way audio "talkback" system and one-way video, off-campus students can ask questions, give answers and participate in classroom discussions. ITFS has 10 interactive receive sites — six in Boise (Gowen Field, the Len B. Jordan Building, St. Alphonsus, Hewlett-Packard, United Cable and Micron) as well as Nampa, Fruitland, Mountain Home and Ontario, Ore.

- IREDS interactive teleclasses are for grades K-12. The courses are held in the SMTC, relayed via fiber optics to KAID, the BSU-based Idaho Educational/Public Broadcast System (IE/PBS) affiliate, which sends the signal via microwave to translator stations and the public broadcasting stations in Pocatello and Moscow. Available via cable or over-the-air transmissions, the live IREDS telecourses can be viewed by nearly all Idaho TV viewers. The SMTC signal goes to schools in Notus, Fairfield, Marsing and Castleford. The Pocatello signal goes to Terreton, Mackay, Rockland, Murtaugh and Bancroft. Moscow sends the signal to Culdresac, Nezperce and Elk City.

- With its satellite uplink, the SMTC's television studios are electronically connected to receive sites nationwide. Thus far, the uplink has been used to broadcast statewide business teleconferences and a nursing telecourse. Earlier this year, BSU's Idaho Small Business Development Center (ISBDC) co-sponsored a three-part marketing telecourse statewide. Sixty-three business executives at eight receive sites viewed the telecourse.

- Earlier this year, the ISBDC also utilized a technology called freeze frame, also known as slow-scan TV, to transmit a six-part business teleconference to Donnelly and Council.

- Higher education courses can be taken through a closed-circuit, microwave intercampus network that connects Idaho's three universities. This past year, for example, BSU and Idaho State worked together to offer a pharmacy class; the instructor was in Boise in the SMTC studio and all the students were at a receive site on ISU's campus in Pocatello.

- By using microcomputers, BSU's Computer Network for Beginning Teachers helps first-year teachers with problems by keeping in touch with College of Education faculty members

- Also through microcomputers, an M.S. degree in instructional/performance technology is available through BSU's College of Technology. The new program uses computer-mediated conferencing, which allows students nationwide to take virtually all the required course work via computer.

- Although it hasn't been utilized yet, the BSU Radio Network has a vacant "side band" that can transmit specially designed education broadcasts to radios equipped to receive the signal. □

# BEST OF BOTH WORLDS

By LaVelle Gardner

Tami Shank was nervous about her first biology class at Boise State. Academically the 1988 Filer High graduate was ready, but she wasn't prepared for the huge lecture hall filled with 260 students. Shank's graduating class at Filer was 63; the entire school had fewer than 300 students. BSU was a completely new experience for her.

"It was strange not knowing everybody or even getting to know everybody in the small classes," says Shank, now a junior majoring in theatre arts/secondary education.

"Everybody knows everybody in Filer," Shank says of her hometown, located about 10 miles southwest of Twin Falls. "My senior year I got into a car wreck on a Friday night and by Monday, everyone was asking me how I was feeling."

Although Filer didn't prepare Shank for Boise's size, the high school offered other advantages. The 20-year-old was able to participate in several activities she might not have had the opportunity to join had she gone to a larger school, drama being one.

In high school, Shank was involved in a

wide array of activities. She was a member of FFA, the rodeo and drill teams and was a cheerleader. "Although rodeo, cheerleading and drama is a weird combination, it was easy to get involved because the school was small," she says.

At BSU, Shank has appeared in *Show Boat*, *The Effect of Gamma Rays on Man-in-the-Moon Marigolds* and had one of the leads in *Fiddler on the Roof*.

During the school year, Shank frequently goes home on weekends to work at Blue Lakes Sporting Goods in Twin Falls. She moves back to Filer during the summers to work and spends her free time fishing with her boyfriend and riding horses.

Although she'd eventually like to go to graduate school, Shank's future will probably take her to a small town to teach. "When I finish school, I'd love to go to California, but I'll probably stay and teach [drama] in Twin Falls or a small town and audition for plays during the summer," she says.

For now, how does Boise stack up against Filer? "I like them both. It's nice to be in Boise, but I always like going back to Filer," she says. □

**Boise is big time,  
but these three BSU  
students wouldn't  
trade their  
small-town roots.**

Tami Jo Shank



GLENN OAKLEY PHOTO

## COUNCIL IS LIKE ONE BIG FAMILY

By Glenn Oakley

How ya' gonna keep Ann Monger down on the farm after she's seen the city?

No problem. "I don't want to live in a city at all," says the social work senior from Council. "I couldn't keep my horses for one thing."

The blond barrel racer says she feels comfortable in Boise, "But the thing that I miss most about Council," she says, "is the peace and quiet, getting away from the people and noise." There's also the small town closeness. "It's almost like being part of a big family in this small of a town."

She did opt for Boise after a year in the much smaller college town of Moscow. "I felt Boise had more opportunities than just the school," she explains, citing field trips to the Capitol and events at the Morrison Center and Pavilion.

But she maintains her closest friendships with fellow rodeo club members, most of whom also come from rural areas. She notices a gulf between herself and students from metropolitan areas. "I don't feel I have anything in common with them," she says. "They can't imagine living in a place like Council. They feel like there's nothing to do."

## FROM FARMLAND TO FOOTBALL FIELD

By Bob Evancho

For Lee Duncan, July means "haying season" and three weeks of strenuous work in the broiling sun on his family's 500-acre ranch outside McCall. But life on the farm, he says, is still less demanding than the summer football drills that follow in August.

Soon after haying season, in which he, his dad, brothers, and other relatives cut, cure and store hay for the ranch's livestock, Duncan will head to Boise State for the grueling two-a-day practices that await the Bronco football team.

Conditioning, however, isn't a big concern for the sophomore tackle. The rigors of bucking hundreds of 75- to 100-pound hay bales every July and a year-round weightlifting program take care of that. "It helps keep me in shape somewhat," says Duncan. "I'm sure it's better than sitting around in an air-conditioned house all summer."

Given his rural roots and 6-foot-5, 245-pound frame, Duncan embodies the image of the strapping farm lad rather than, say, a business finance major. But actually he is both.

After earning all-state honors at McCall-



Ann Monger

While the stereotypical social worker is someone battling the societal ills of a city slum, Monger says she has been encouraged to pursue her social work in rural areas. It takes someone from the country to relate to rural people, she believes. She is particularly interested in working with children.

For her last summer before graduation she is joining her mother and sister to work at U.S. Forest Service fire camps throughout the West, where the only bright lights will be burning trees and gas lamps. □



Lee Duncan

Donnelly High School, Duncan, who turns 20 in August, was recruited by BSU as a defensive lineman in 1988. But injuries and inexperience on the Bronco offensive line convinced the Bronco coaching staff to move Duncan to tackle.

Many of Duncan's teammates and opponents come from large cities and prominent football programs, but he doesn't consider his rural background a liability. On the contrary.

"By going to a smaller school, I got to do more things," says Duncan. "I enjoyed playing football, basketball and track. I think it makes you more well-rounded." □

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BOB EVANCHO PHOTO

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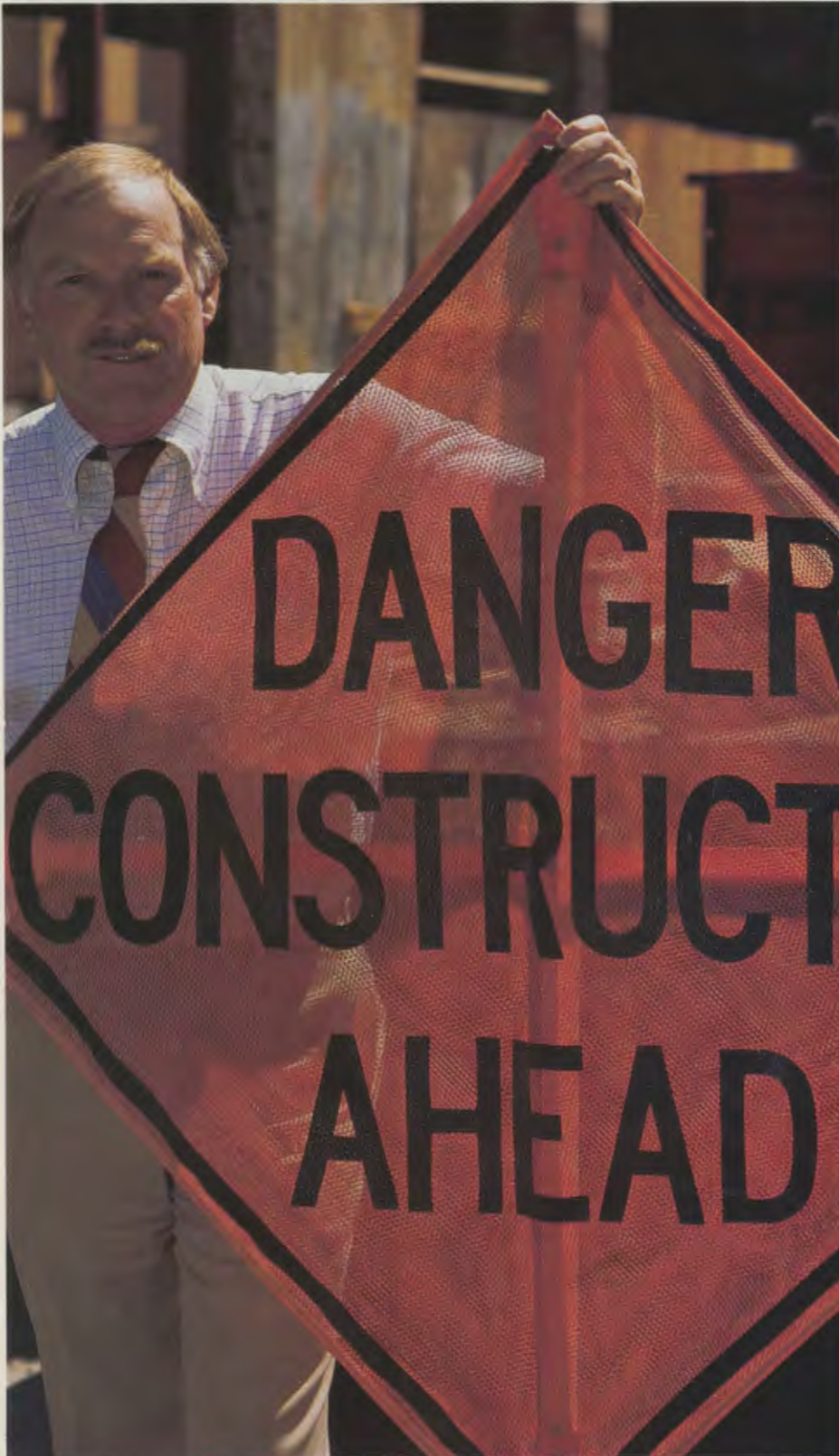
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*Business law professor Bixby says management neglect at the workplace can be criminal.*

## WHEN WORK IS MURDER

*By Bob Evancho*

In 1985, a 61-year-old Chicago-area laborer named Stephen Golab collapsed at the plant where he worked and died on the way to the hospital. He worked for a company called Film Recovery Systems, which extracted silver from used photographic film. Its employees, mostly Polish and Mexican immigrants, chopped the film into small pieces and then dumped it into vats of sodium cyanide. The employees stirred the vats periodically, and when the silver separated, they removed plates from the bottom of the vats and scraped off the silver.

Before Golab's death, many Film Recovery Systems workers reported dizziness, fainting, nausea and vomiting from time to time, but the company made no improvements in safety or respiration equipment. The workers' safety equipment was cotton gloves and paper masks. Later, company officials were even accused of scraping the skull and crossbones off some of the chemical containers so the employees would not realize the hazards of their work.

Following an investigation into Golab's death, the Cook County Prosecutor's Office brought criminal charges against Film Recovery Systems. After a lengthy trial, three company officials were convicted of murder and sentenced to 25 years in jail.

The case against Film Recovery Systems was the first of a handful of criminal charges that have appeared on court dockets in several states in the past three or four years. "It was the only case where they used the term 'murder,'" says Boise State management professor Michael Bixby, "and none of the cases said the person was intentionally murdered ... but those are the kind of elements that have led to these prosecutions."

Bixby should know. Over the past few years he has done extensive research into these precedent-setting lawsuits.

"When an industrial accident results in death or serious injury to a worker, the traditional legal response has been a workers' compensation claim or a tort — product liability, for example — lawsuit," says Bixby, who practiced law in his native Michigan for 11 years before joining the BSU College of Business faculty in 1981. "Sometimes, this response is supplemented by an admin-



istrative penalty from the Occupational Safety and Health Administration (OSHA) or other governmental agency.

"Recently, however, another legal remedy has appeared as the result of a worker's death — a criminal charge of murder or manslaughter against the company or certain managers. In situations where the firm knew of a potentially life-threatening hazard, the problem was not corrected and a worker suffered death or serious injury, prosecutors in at least seven states have brought manslaughter or murder charges against company officials. The best known case involved Film Recovery Systems."

As a professor of business law, Bixby found the concept of workplace homicide to be a "very interesting legal, business and governmental issue." The author of numerous corporate law articles, Bixby began to examine the trend in earnest three years ago when he received a research grant from the College of Business. "The first two major cases that I looked at both came out of the Chicago area, and one of them was the Film Recovery Systems case," he says.

Since then, Bixby has studied other workplace death cases. The result has been several essays, including a piece that examined the two Illinois cases which won the "Best Paper" award at the 1989 Pacific Northwest Business Law Conference. At this year's regional conference, he presented a follow-up to his award-winning paper.

Earlier this summer Bixby also completed a 73-page article that he has submitted to some of the nation's major law journals. "It talks about the trends in workplace homicide cases," he says.

Bixby also spent the spring 1990 semester on sabbatical leave to conduct more research on the subject, traveling to Washington, D.C., to interview officials from OSHA and the Department of Labor in addition to congressional staff members involved with occupational health and safety.

From his research in the nation's capital, Bixby observed a "renewed concern" among OSHA officials to assert the agency's role as the primary enforcer of workplace safety measures.

But that is not to say some prosecutors are prepared to ease up on businesses that expose their employees to hazardous working environments, Bixby comments.

"Although the number of such cases is still small, and the likelihood of any one manager being charged slim, the possibility is there," he says. "The message for managers is that they should approach worker safety as an important company issue — just like production, marketing and finance matters — or face possible criminal sentences for their neglect." □

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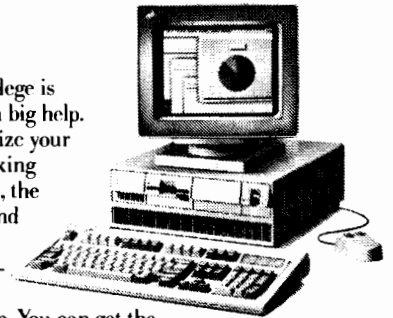


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## RESEARCH BRIEFS . . .

### COLLEGE OF EDUCATION

During this summer's Ore-Ida Women's Challenge bicycle race, physiologist **RON PFEIFFER** and a team of students conducted physiology tests on 20 of the racers throughout the competition. The testing was part of a scientific study Pfeiffer plans to complete.

Psychology professor **GARVIN CHASTAIN** will present his paper "Does Visual Attention Move Through Space" at the annual meeting of the Psychonomic Society in New Orleans in November.

*Fitness and Wellness*, a book by exercise physiologist **WERNER HOEGER**, et. al., was published by Morton Publishing Co., Englewood, Colo.

**TERRY-ANN SPITZER** and Hoeger presented "Comparison of Selected Training Responses to Low Impact Aerobics and Water Aerobics" at the American Association of Health, Physical Education, Recreation and Dance (AAHPERD) conference in New Orleans in March.

Professor **GENDER FAHLESON** presented "Perceptions of Athleticism: Should Physical Education Teachers Promote Self-referenced Evaluations?" at the AAHPERD conference.

Professor **LINDA PETLICHKOFF** traveled to Auckland, New Zealand, in January to present "The Influence of Perceived Ability in Sport" and "Sport Psychology Consulting: Practical Guidelines for Successful Programme" to the 1990 Commonwealth and International Conference in Physical Education, Sport, Health, Dance, Recreation and Leisure.

### COLLEGE OF BUSINESS

Marketing professors **DOUG LINCOLN** and **EARL NAUMANN** presented papers at the seventh annual Pan-Pacific Conference in Seoul, South Korea. The papers presented were "A Comparison of Applications of Marketing Research Among Japan, Hong Kong, Korea and Taiwan" and "Non-Tariff Barriers to Small Business Exporting."

Accounting professor **CRAIG BAIN** received the Deloitte Touche Research Article of the Year Award for his article "Sales Volume Forecasting: A Comparison of Management, Statistical and Combined Approaches," published in the fall 1989 issue of *Journal of Management Accounting Research*.

### COLLEGE OF ARTS AND SCIENCES

Philosophy professor **ALAN BRINTON'S** paper "The Outmoded Psychology of Aristotle's Rhetoric" was published in the spring 1990 issue of *The Western Journal of Speech Communication*.

In May, Brinton presented his paper

"The Passions as Subject-matter in Early 18th Century British Sermons" at the Canadian Society for the History of Rhetoric meeting in Victoria, B.C.

Brinton traveled to Amsterdam in June to present his paper "Ethotic Argument in Plato's LACHES" at the Second International Conference on Argumentation.

English professor **JIM MAGUIRE** presented a paper at the annual meeting of the American Literature Association in San Diego recently. Maguire was also one of the speakers at Texas Christian University's 13th annual Chisholm Trail Writers Workshop in Fort Worth.

Chemistry professors **JACK DALTON**, **ROBERT ELLIS**, **EDWARD MATJEKA** and **GARY MERCER** presented papers at the 32nd annual meeting of the Idaho Academy of Sciences held at the College of Southern Idaho in April.

The papers and presenters are: "Effect of a Grading System on Grade Inflation" — Dalton; "Metabolism of Glucose, Acetate, Alanine, Lysine and Arginine in Fed and Fasted Crayfish" — Ellis; "Using Apple II Animation Software in Chemical Education" — Matjeka; "An Inexpensive Electronic Water-Bath Temperature Controller" — Mercer.

Matjeka recently received a grant for his proposal "The Synthesis of Asymmetrically Disubstituted Cyclopentadienyl Rings using Grignard and Related Reagents" submitted in the Idaho EPSCoR Regional Scholars competition.

### SCHOOL OF SOCIAL SCIENCES & PUBLIC AFFAIRS

History professor **MICHAEL ZIRINSKY** published an essay in *Nimeye-Digar*, a London-based Persian language journal, reviews of three books about Iran in *The Middle East Journal* and an article about Iran in *The Iranian Journal of International Affairs*.

Zirinsky also was the recipient of three grants — BSU faculty research, National Endowment for the Humanities and Idaho State Board of Education — to support his research on Iran.

Archaeologist **MARK PLEW** will participate in a faculty exchange with the University of Guyana and is scheduled to explore the Amazonian jungles of the South American country. The faculty exchange agreement is designed to assist in the Ameri-Indian program; conduct field work in linguistics, anthropology and archaeology; and publish research cooperatively.

Sociologist **MARTIN SCHEFFER** recently completed a comprehensive report on Idaho's attitudes toward child abuse. The report was based on the results of a statewide poll conducted by Boise State's Survey Research Center. □

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## EDUCATION BOARD AWARDS GRANTS

Eight Boise State University faculty members have received research grants totaling \$224,953 from the State Board of Education. The state board awarded \$802,835 for 29 projects under the Specific Research Grant Program.

BSU grant recipients, their department, projects and awards are:

- James Osienksy, geology/geophysics, "Development of an Improved Method to Evaluate Contaminant Migration in a Fluvial Aquifer," \$30,800. Osienksy will determine how contaminants migrate through an aquifer. The results will be used to develop a procedure for locating monitor wells at hazardous waste sites or landfills.

- Walter Snyder, geology/geophysics, "Lower Permian Dry Mountain Trough: Case Study for Recognition of Widespread Post-antler Continental Margin Tectonism," \$30,800. The project is part of a larger effort to assess late Paleozoic crustal uplifts and subsidence in eastern Nevada.

- Mary Witte, art, "Digital Color Laser Art Project," \$30,767. Witte will use digital color laser technology for a new series of artwork to be included in an exhibition. She also plans to write an artists' handbook on color laser technology.

- Greg Raymond, political science, "Resolving International Disputes: A Comparison of Arbitration and Mediation," \$30,672. Raymond will study the balance of power theory to determine what conditions can increase the success of mediators.

- Spencer Wood, geology/geophysics, "Neogene Bimodal Magmatism and the Western Snake River Plain Graben," \$30,663. The goal is to provide a stratigraphy and chronology of events that shaped the physiography and lithosphere of the western Snake River Plain in the Cenozoic period.

- Michael Zirinsky, history, "American Involvement in Iran, 1834-1942," \$30,609. The project will investigate U.S. involvement in Iran from 1834-1941 in order to explain the historical roots of the countries' 20th century relations.

- Marion Scheepers, math, "Winning Strategies in Infinite Mathematical Games," \$23,222. Scheepers is studying set theory through research of games of infinite length and the role of memory in their outcome.

- Gary Moncrief, political science, "Campaign Financing and Expenditures in State Legislative Elections," \$17,420. The project will analyze increases in state legislative campaign costs in four states, study campaign contributors and how their positions have shifted over the decade, and the consequences of increased campaign spending. □

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## MAYOR: FRUITLAND RIPE FOR BUSINESS

By Larry Gardner

Evidence of a vibrant, positive attitude pervades the atmosphere at Fruitland Elementary School where the principal, Joe Wozniak, is also mayor of the Idaho-Oregon border town of 2,500.

And just in case anyone forgets to think positively, there are visible reminders everywhere you look.

As you walk up to the immaculate, landscaped entrance to the school with well-trimmed rose bushes in bloom, an engraved wooden sign declares: "Pride inside."

Wozniak's enthusiasm is hard to resist — just ask the owners of half a dozen businesses who have located in Fruitland in the last five years. At the same time Wozniak was trying to convince them to locate in Fruitland, the firms were being wooed by larger cities.

In more cases than not, Fruitland won the competition. Southwest Cannery, the Coca-Cola bottling plant; Dickinson Frozen Foods, a \$2 million onion processing operation; PBX/Med Central at Gayway Junction; Woodgrain Molding which employs more than 500 people; and Schwann's ice cream are some of the businesses that chose to locate in Fruitland.

Despite his one-man-chamber-of-commerce selling program extolling the amenities Fruitland has to offer for both families and businesses, Wozniak recently weathered some tough political times.

Nevertheless, he won a recall attempt two years ago and was re-elected to his leadership post at City Hall in January of 1988. He's now halfway through his sixth year as mayor of Fruitland.

The former Boise Junior College student roamed the campus from 1963 to '65 with such buddies as the late *Idaho Statesman* sports columnist Jim Poore, Gary Slee, Tom Zabala and Randy Ackley. And he would have been a member of the school's first graduating class as a four-year institution in 1967 had he not found himself in the U.S. Army saluting officers on the grounds of Fort Belvoir, Va., instead of writing term papers for professors in Boise. He finished college at George Mason University and taught in Washington, D.C., for a year and a half before moving back to Idaho.

Dressed in Levis and wearing a baseball



Wozniak: "It's a positive community with positive people and a great school system."

cap and boots — school was out the week before — this accomplished promoter of life and education in a small Idaho town, seems actually shy when asked to talk about himself or his experiences at BJC. It's just the opposite, however when he gets rolling on a list of the amenities of one small town in particular: Fruitland, Idaho.

"We're very competitive," Wozniak says. "We're trying to grow. And when we see businesses that we believe would be an asset to the community, we're trying to entice them to come into our community and become part of us."

And along with that, Wozniak explains, he has to deal with some people who like

Fruitland the way it is, or was. So not only is he trying to build, but he also must bridge the gap so the old-timers will still like the community.

"We've had great support from the community overall ... people who are receptive to these companies coming in ... who realize we've got to grow or we're going to die."

"It's a positive community with positive people and a great school system," the 45-year-old mayor maintains. "That's why most of the people wind up coming here."

"People who go to school here never quite lose that touch of being part of Fruitland," Wozniak continued. "I don't care what they go on to be." □

## LLITERAS TO HEAD ALUM ASSOCIATION

Mark Lliteras, senior vice president at First Security Bank in Boise, has been named president of the BSU Alumni Association for the 1990-91 academic year.

Lliteras, who received a B.S. in mathematics in 1973, says, "We hope to continue to reach out to more alumni and get them involved. I want to invite everybody who is an alum to join and get active to benefit themselves and benefit the university."

Born and raised in Boise, Lliteras has traveled "enough to know that Boise is where I want to live." He graduated from Borah High School and started his studies at Boise State University on a basketball scholarship.

He will preside over the alumni association which includes more than 35,000 members and provides a variety of social, academic, political and fund-raising support services to the university.

Other officers elected to the Alumni Association include Booker Brown, Morrison-Knudsen Corp., first vice president; Tom Blaine, Albertson's Inc., treasurer; Paula Forney, consultant, secretary; and Carol Hoidal, consultant, ex-officio.

Those named to the board of directors



Mark Lliteras

include Kipp Bedard, Micron; Curt Chandler, Hewlett-Packard; Jim Crawford, J.R. Simplot Co.; Anne Glass, Paine Webber; Ray Hooft, M.D., Mountain View Medical Center; Kathy Moyer, Meridian School District; Ray Oldham, First Interstate Bank; Larry Prince, Holland & Hart; June Pugrud, Washington Federal Savings; Lesley Slaton, Morrison-Knudsen; Patrick Sullivan, office of U.S. Senator James McClure; and Bob White, Ore-Ida Foods.

Alumni Association regional coordinators are Patience Thoreson, Los Angeles; Michael Staves, San Francisco; Gary Likkel, Grangeville; Ivan Rounds, Potlatch; Dennis Ward, Twin Falls; John Shaffer, Reno; Steve Lawrence, Portland; Mike Russell, Seattle; Cheryl Knighton, Spokane. □

## BRONCOS HOST SIX HOME GAMES

A season opener against last year's national championship runner-up Stephen F. Austin on Sept. 1 and the finale against archrival Idaho on Nov. 17 highlight the 1990 football season for Boise State.

In between, the Broncos will entertain non-conference opponent Boston University and three Big Sky Conference foes.

Here is the 1990 schedule (times are MST):

- Sept. 1 — Stephen F. Austin, 6 p.m.
- Sept. 8 — Weber State, 6 p.m.
- Sept. 15 — at Eastern Washington, 2 p.m.
- Sept. 22 — Boston University, 6 p.m.
- Sept. 29 — at Long Beach State, 2 p.m.
- Oct. 6 — Mont. (Homecoming) 6 p.m.
- Oct. 13 — at Northern Arizona, 3 p.m.
- Oct. 27 — at Idaho State, 6 p.m.
- Nov. 3 — at Montana State, 1 p.m.
- Nov. 10 — Nevada, 1 p.m.
- Nov. 17 — Idaho, 1 p.m. □



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## IN TOUCH...

**Our policy is to print as much "In Touch" information as possible. Send your letters to the BSU Alumni Association, 1910 University Drive, Boise, Idaho 83725. In addition, if you know someone who would make a good feature story in our "Alumnotes" section, contact the office of News Services at the same address.**

### 40s

**RALPH FRAZER**, diploma, general arts and sciences, '47, is president and general manager of Valley Background/Foreground Music Co. and has been a member of the Boise Chamber of Commerce since 1963.

### 50s

**GLEN HOSTETLER**, AA, general arts and sciences, '53, is a senior flight test engineer with McDonnell-Douglas in Arizona.

**JUDY STROUD**, AA, general arts and sciences, '53, recently retired from Camas County High School in Fairfield, where she was a special education teacher for many years.

**DONALD MAYPOLE**, AA, general arts and sciences, '54, received the 1990 Professional Achievement award from the College of Arts and Sciences at Idaho State University.

Maypole recently traveled to Beijing to head a delegation of American social workers.

**ROGER ALLEN**, AA, general arts and sciences, '58, is the owner of Stor-It rental storages in Boise.

**JEAN BROBECK**, AA, general arts and sciences, '59, is vice president in charge of operations for Western Power Sports Inc., a Boise wholesale distributor.

### 60s

**JO PARRIS**, AA, general arts and sciences, '62, is an information specialist for the University Relations office at Idaho State University.

**LOIS DARNALL**, BA, elementary education, '69, works with at-risk children for the Canyon Alternative Education Center.

### 70s

**JIM TIBBS**, BA, criminal justice administration, '70, has worked for the Boise police force for more than 19 years and is currently in the administrative support division.

**BETH GRIBBLE**, BA, social work, '73, has been employed as a social worker with the Idaho Department of Health and Welfare for more than 15 years.

**DARELL DOMINICK**, BS, physical education, '74, was named February teacher of the month at Ontario High School in Ontario, Ore.

**BETTY ANDERSON**, AS, science, '75, works as a data entry specialist for the Idaho Department of Education.

**NANCY ACKLEY**, BBA, business education, '76, was recently named communications instructor for the Idaho Commission for the Blind.

**PIERCE ROAN JR.**, BBA, general business, '76, has been promoted by Army Reserve Headquarters to the rank of colonel.

**RICHARD VYCITAL**, BBA, general business, '76, has been promoted to senior vice president and manager of trust investments for West One Bank of Idaho.

**MICHAEL BOUTON**, CC, horticulture, '77, has been promoted into the marketing department at Micron Technology in Boise.

**CHRISTINE UREICHUCK**, BA, advertising design, '77, has been hired as an art director by the Solgar Co. of Lynbrook, N.Y.

**ROBERT ALLEN**, BA, history, '78, serves as faculty adviser to the BSU rock climbing club.

**MIREN ASUMENDI**, BS, pre-med, '78, graduated from the University of Osteopathic Medicine and Health Sciences in Des Moines, Iowa.

**V. LANE BIRCH**, BA, economics, '78, has been hired as executive director of strategic planning and corporate development for Public Service Indiana Energy.

**BETTY CONOVER**, MA, elementary education, '78, is retiring after 22 years of teaching.

**CRAIG HURST**, BM, music education, '78, is working toward a Ph.D. in music education at the University of North Texas.

### 80s

**MARK ABSEC**, BBA, accounting, '80, was recently appointed a city councilman in Kellogg.

**VALERIE GAINES**, BA, communication, '80, works as deputy prosecuting attorney for Whidbey Island, Wash.

**RANDY MITCHELL**, AAS, electronics technology, '80, has been hired as a manager by Les Schwab Tire Center in Mountain Home.

**ROBERT BAINBRIDGE**, BBA, real estate, '81, has received MAI designation from the American Institute of Real Estate Appraisers.

**MIKE LaTOUR**, MBA, '81, was awarded the 1989-90 outstanding faculty researcher award from the College of Business and Public Administration at Old Dominion University, Norfolk, Va., where he is an assistant professor of marketing.

**KELLIE TOOLE**, BA, elementary education, '81, is a second grade teacher in Idaho Falls.

**BEE BIGGS-JARRELL**, MPA, '82, is moving to Malawi, Africa, to manage a child survival project for US AID/ADRA International.

**BRENT JENSEN**, BM, music/secondary education, '82, teaches clarinet and saxophone at Whitman College in Walla Walla, Wash.

**JERRY JENSEN**, BM, music/performance, '83, is working on a master's degree in piano performance at Washington State University, Pullman, Wash.

**KATHI MANNING**, BBA, marketing, '83, is a corporate advertising manager for West One Bancorp in Boise.

**GARY CALVERT**, BBA, real estate, '84, is a senior property manager with Guardian Management Corp. in Portland, Ore. Calvert has received designation as a certified property manager from the Institute of Real Estate Management.

**J. KENT ERICKSON**, BA, communication, '84, received two awards of merit at the annual meeting of the Custom Tailors and Designers Association.

**MARK HOUSTON**, BBA, finance, '84, has been promoted to manager of the small business lending department with First Interstate Bank.

**DAVID MANNING**, BBA, industrial relations, '85, was recently promoted to purchasing department supervisor at Micron Technology in Boise.

**RONDA WILSON**, BA, English, '85, has been hired as a technical publications and marketing communications specialist by CH2M in Boise.

**LOUANN NOCHELS**, BA, theatre arts, '85, has completed a master of arts degree in psychology at Antioch University in San Francisco.

**BECKY BEUS**, BA, English, '86, recently earned second place in the technical writing division of the 1990 BSU President's Essay contest. Beus is employed by Micron Technology in Boise.

**KEVIN WILSON**, BA, English, writing emphasis, '86, is the owner of Words & More in Boise.

**DARIN De ANGELI**, BS, accounting, '87, is the editor-in-chief of *Law's Review* at the University of Oregon School of Law.

**KIM DERR**, BS, nursing, '87, has been promoted to Captain in the U.S. Army Nurse Corps. Derr is a psychiatric nursing specialist and is stationed at Fort Campbell, Ky.

**ANNE JENSEN**, BM, music/education, '87, is a program assistant in the foreign admissions office at Washington State University, Pullman.

**C. GRANT KING**, BA, history, '87, graduated from Northwestern School of Law and plans to take the Idaho Bar Exam.

**WILLIAM SALTER**, BA, art, '87, serves with the 3rd Marine Aircraft Wing in Camp Pendleton, Calif., and was promoted to Marine 1st Lt.

**EILEEN KLATT**, BFA, art, '87, received her master of arts degree in fine arts from Washington State University.

**JAMES GIBSON**, BS, mathematics, '88, has been designated a Naval Flight Officer after completing a 23-week training course at Mather AFB in Sacramento, Calif.

**MICHAEL GRAEFE**, BA, elementary education, '88, is teaching fourth grade at St. Edward's Catholic School in Twin Falls.

**CYNTHIA McLAUGHLIN**, BBA, marketing, '88, recently joined the staff of Steve Bly & Associates in Boise.

**PAUL WESTERHEID**, BS, construction management, '88, has been promoted to manager of special projects for Pacific Testing Laboratories in Bellevue, Wash.

**KEVIN BRINTON**, BA, history, '89, is in the graduate program at Brigham Young University, Provo, Utah.

**JAMES CAPELL**, BA, political science, '89, and **MARIA NOGAREDA**, BA, finance, '89, are enrolled in the Master of International Management Program at The American Graduate School of International Management.

### 90s

**MELODIE BURTON**, BA, anthropology, '90, works for the Boise Interagency Fire Center.

**DREW CLEMENS**, BS, geology, '90, is working on a master's degree in geology at Arizona State University.

**SHERI COLE**, BA, elementary education, '90, is teaching first grade at Eagle Elementary.

**THOMAS DOUGHERTY**, BBA, marketing, '90, is a manager with Evergreen International Aviation in McMinnville, Ore.

**WANDA GOODSON**, MA, elementary education, '90, is a migrant language teacher at Nyssa Elementary School in Nyssa, Ore.

**LORI JAGELS**, BBA, marketing, '90, is a regional marketing engineer for the eastern



sales region with Hewlett-Packard in Boise.

**KARLEEN LAIBLE**, MA, special education, '90, will be teaching at Frontier Elementary, Boise.

**WENDY NELSON**, BA, anthropology, '90, is in the graduate program at University of California.

**LINCOLN NEWELL**, BBA, business management, '90, is in the MBA program at BSU.

**MICHELLE OLSEN**, BA, psychology, '90, is a youth counselor for the Idaho Youth Ranch Assessment Center.

**TAMARA PASCOE**, BS, athletic training, '90, has been accepted as a graduate assistant at the University of North Dakota.

**JOHN ROUSSOPULOS**, BS, math, '90, is a computer programmer with Micron in Boise.

**DON SCHNEE**, BAS, electronics technician, '90, is a communication technician for the U.S. Forest Service.

**LARRY THRASHER**, BA, political science, '90, was selected May student of the month by the Boise Mayor's Committee on Employment of Persons with Disabilities.

## WEDDINGS

Vincent Blommer and **ELISA URIE**, (Boise) Sept. 30

**ERIC KNOWLES** and **MICHELE RICH**, (Boise) Oct. 7.

**CASEY WILDE** and Michelle Rowland, (Boise) Dec. 16

**LARRY POLOWSKI** and **SHANNON TUCKER**, (Boise) Dec. 30

Ron Sorenson and **GINA SMUTNY**, (Boise) Dec. 30

Mark Folger and **JANNA APPERSON**, (Garmisch, Germany) Dec. 31

**RODGER ERSTAD** and Kay Allen, (Boise) Jan. 20

**KOREY SMITHERAM** and Michelle Roper, (Boise) Feb. 2

Robert Bamrick and **SHERI FORSDICK**, (Mesa, Ariz.) Feb.

**RICHARD MURGOITTO** and Rose Jayo, (Boise) March 3

John Hayes and **Laurie McQUEARY**, (Meridian) March 4

**KEVIN ARMSTRONG** and Lisa Sorensen, (Boise) March 10

**CHRISTOPHER BUTLER** and **MARY VEASEY**, (Boise) March 17

Rich Moore and **JILL GERDES**, (Boise) March 17

Brian Wavra and **EILEEN COILE**, (Boise) March 17

**TROY KNAPP** and **LISA LARSEN**, (Boise) March 31

Allen Poling and **HOLLY MARLIN**, (Mesa, Ariz.) March 31

David Bell and **JANE BROSE**, (Twin Falls) April 7

Steven Carson and **PAMELA THORPE**, (Boise) April 8

**THOMAS HARRISON** and Margaret Tooman, (Boise) April 21

Rodney Kolsen and **SAMANTHA PEDRO**, (Boise) April 28

**ROD RIGGS** and **MARGO FUNK**, (Boise) May 5

**DARIN HOPLA** and **RENNE GUENZLER**, (Boise) May 12

**HENRY MURPHY** and Mindy Dick, (Burley) June 2

**PHIL MATLOCK**, and Kayla Walker (Boise) July 15

Michael Knauss and **SHARI THOMAS**, (Boise) Aug. 4

Michael Henry and **DEIDRE BUNDERSON**, (Boise) Aug. 5

## DEATHS

**WILMA BRESHEARS**, general arts and sciences, '34, died March 29 in Boise at age 74. Breshears was a member of the first graduating class of Boise Junior College.

**DAVID HOWLAND**, diploma, general arts and sciences, '42, died March 11 in Nampa at age 69. Howland was a member of the Army Air Corps and then a captain for United Airlines.

**WILLIAM DRESSER**, AA, general arts and sciences, '55, died March 9 in Boise at age 54. Dresser had served in the U.S. Army and had been employed at Computer Arts Inc. in Boise.

**KENNETH LEONARD**, AAS, drafting technology, '77, died March 2 in Oregon at age 35. Leonard was a construction manager for Baugh Construction.

**BARBARA TERRY**, BA, sociology, '77, died April 22 in Oregon at age 61. Terry was a nurse at Pioneer Nursing Home.

**GLORIA F. ELDER MILLER**, AA, general arts and sciences, '43 died June 7 in Boise at age 67. Miller retired from Boise State in 1985.

## CAN YOU HELP?

The following alumni have been lost from our records. Please write or call if you have information about any of them.

Ernest Dresser Bedford, '42

Lois Little, '44

John Gerhauser, '46

B. Ross Pulliam, '48

Jean Harlow Jackson, '50

Helen Arkaret, '51

Greg Andrist, '52

Jim Walker, '53

Gerald Joseph Henggeler, '55

Stancy Jackson, '56

Alta Elizabeth Faris, '57

Brenda J. Griffin, '59

Emmett Leo Zinn, '60

Roger Abernathy, '61

Gordon P. Toler, '62

David W. Crow, '63

Robertta Fredericks, '64

Diane E. Miller, '65

Catherine Schnoor, '66

Venice Pugmier Prince, '67

Claude Lee Blackburn, '68

Mitchell M. Davis, '69

James F. Youngblood, '70

Albert Dean Allen, '71

JoAnn Davidson, '72

Marsha C. Lambert, '73

Sandra J. Johnson, '74

Greg Nutt, '75

Barbara A. Allen, '76

Joe R. Dalsoglio, '77

Cindy L. Schreiner, '78

Kimberly S. Johnson, '79

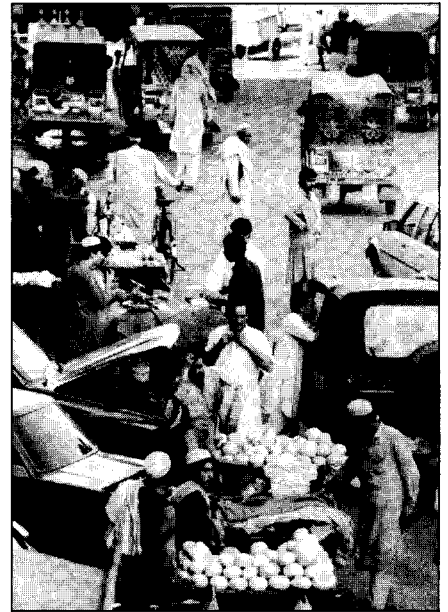
Byron B. Jolly, '80

Carol E. Schmidt, '81

Joanna R. Johnson, '82

Delbert L. Davenport, '83

Kelly E. O'Dell, '84 □



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## SCHOLES, PENNER HONORED BY BSU

"University says farewell to six" read the headline in the last issue of *FOCUS*. But the number was actually eight. That's because two instructors who received medical retirement during the 1989-90 academic year were inadvertently omitted from the article that recognized faculty members who retired last spring.

Senior instructor of vocational pre-tech Mary Scholes and nursing professor June Penner, both of whom retired early because of ill health, served Boise State for 17 and 15 years, respectively. During commencement exercises in May, Scholes and Penner joined fellow teachers Harry Steger, Jean MacInnis, Robert Hibbs, Gail Ison and Tom Olson in receiving emeritus status.

Scholes joined the School of Vocational Technical Education in 1971. She served on the university's Professional Standards Committee, the Curriculum Committee and the Faculty Senate. During her 17 years, Scholes developed and implemented the Pre-tech Center for students and potential students to receive tutoring to meet the basic requirements of the regular program offerings. She also taught basic mathematics courses.

Before joining the BSU nursing faculty in 1974, Penner was a professor of nursing at Idaho State for four years. She has received several professional awards, including Idaho Nursing Association District 31 Nurse of the Year in 1987. According to Eldon Edmundson, dean of the BSU College of Health Science, Penner "played a significant role in building the academic and research programs for nursing and other health science education areas." □

## ALUMNI DIRECTORY COMING SOON

Have you lost touch with friends from college and wonder where they are now? Help is on the way in the form of the Boise State Alumni Directory. The directory will be published by mid-August.

The comprehensive new volume is a compilation of the most current data available on more than 39,300 Boise State alumni. The directory will include home addresses as well as business and professional information on each person. Each listing will appear in the class year, as well as geographical and biographical sections.

The information was obtained from questionnaire mailings, telephone research and records. Now that the editing, proofreading and printing are almost finished, the distribution of the edition will start.

The directory sells for \$46.95 for the regular, softbound edition and \$49.95 for the deluxe, hardbound edition.


Alumni who reserved a copy of the directory during the verification phase of the project should be receiving their copies in August. If you have a question on your order, or you wish to place an order, contact the publisher at the following address: Customer Service Department, Bernard C. Harris Publishing Co., 3 Barker Ave., White Plains, NY 10601. Call 1-800-877-6554. □

## CORRECTION


In the article on retiring faculty in the Spring 1990 issue of *FOCUS*, we erroneously said chemistry professor Robert Hibbs planned to spend more time in his "BSU-based commercial laboratory."

Hibbs Laboratories, the private business that Hibbs founded in 1961, is the commercial laboratory to which we were referring. Hibbs Laboratories is located at 2808 Cassia in Boise and has no affiliation with Boise State. Although Hibbs retired from the university in May, he continues to run his own commercial lab — just as he did throughout his 25 years at BSU.


*FOCUS* regrets the error. □



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## ALUMNI NOTES . . .

The annual BSU Alumni Magic Valley golf tournament will be held Friday, Aug. 17, at the Canyon Springs Golf Course in Twin Falls. Tee-off is at 1 p.m.

The \$37 entry fee includes green fees, golf cart, BSU golf cap, beverages and a barbecue. A "fun auction" held during the barbecue will feature alumni deck chairs, neckties and other items.

Proceeds from the tournament and auction will be used to establish a BSU scholarship for children of Magic Valley area alumni.

If you would like to golf in the tournament, contact the Alumni Office as soon as possible.



The Alumni Association will kick off the 1990 football season with a reception Sept. 1 before the Stephen F. Austin game.

The event is by invitation only for dues-paying alumni. If you do not receive your invitation, please contact the Alumni Office.



Homecoming 1990 will feature a reunion for a number of student organizations dating back to the 1930s. Some of the reunion groups planning activities include the Valkyries, B-Cubes, TKEs, IKs, Esquires,

Golden Zs and the Pi Sigs. A reception before the Homecoming game Oct. 6 will reunite all groups. For more information about Homecoming activities, contact the Alumni Office.



Alumni "Outreach" gatherings are planned for the following areas. Alumni in each of these areas will receive a letter of invitation giving details of the events.

- Spokane/Coeur d'Alene — Sept. 15
- Southern California — Sept. 29
- Pocatello — Oct. 27
- Northern California — Dec. 18
- Portland — April 3
- Seattle — April 4



The alumni associations of Idaho's state institutions of higher education will sponsor a university president's tour this fall.

Alumni leaders will join the presidents of Lewis-Clark State College, Boise State University, University of Idaho and Idaho State University for a tour to visit with alumni, business leaders and legislators.

Alumni are invited to the meetings, which will be held Oct. 29 in Coeur d'Alene and Lewiston, Oct. 30 in Boise and Twin Falls, and Oct. 31 in Pocatello and Idaho Falls. □

## HOME COMING WEEK SET FOR OCT. 1-6

Bronco fans can enjoy six days of food, games and fun before their team stampedes into the Stadium Oct. 6 for the Homecoming game against the University of Montana Grizzlies.

Leading off the Homecoming schedule at noon Oct. 1 is the Bronco Athletic Association picnic and court announcement, north of the Special Events Center.

On Oct. 2, students living in BSU residence halls will bump and spike at 5 p.m. in a volleyball tournament at the pits next to the tennis courts.

They'll be checking their lists twice (at least) for the scavenger hunt at 7 p.m. Oct. 3, and students will team up for the wacky games of "Almost Anything Goes" at 4 p.m. Oct. 4. A dance takes center stage at 8 p.m. Oct. 5 in the Hemingway Western Studies Center.

On the big day, Oct. 6, a children's program is planned at 2 p.m. in Julia Davis Park, followed by a parade that starts at 4 p.m. at Boise Cascade Corp. headquarters and ends at the park in time for the game at 6 p.m.

For additional information, call Student Activities at 385-1223. □

\*Rates vary, higher or lower by hotel and room type but will be at least 25% off from the standard rate. (All U.S. rates are for participating Holiday Inns® and Holiday Inns® owned by Holiday Inns, Inc. in the U.S., Mexico and Canada, not good during blackout dates or with special offers, group rates, discounts, group sales, or other special offers. See local program available at participating hotels in U.S. and Canada. Call for availability and rates. ©1989 Holiday Inns, Inc. \*MS-03/AMERICAN, INC. 1989

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*John A. Taye*

John Taye  
Boise State University associate professor of art



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