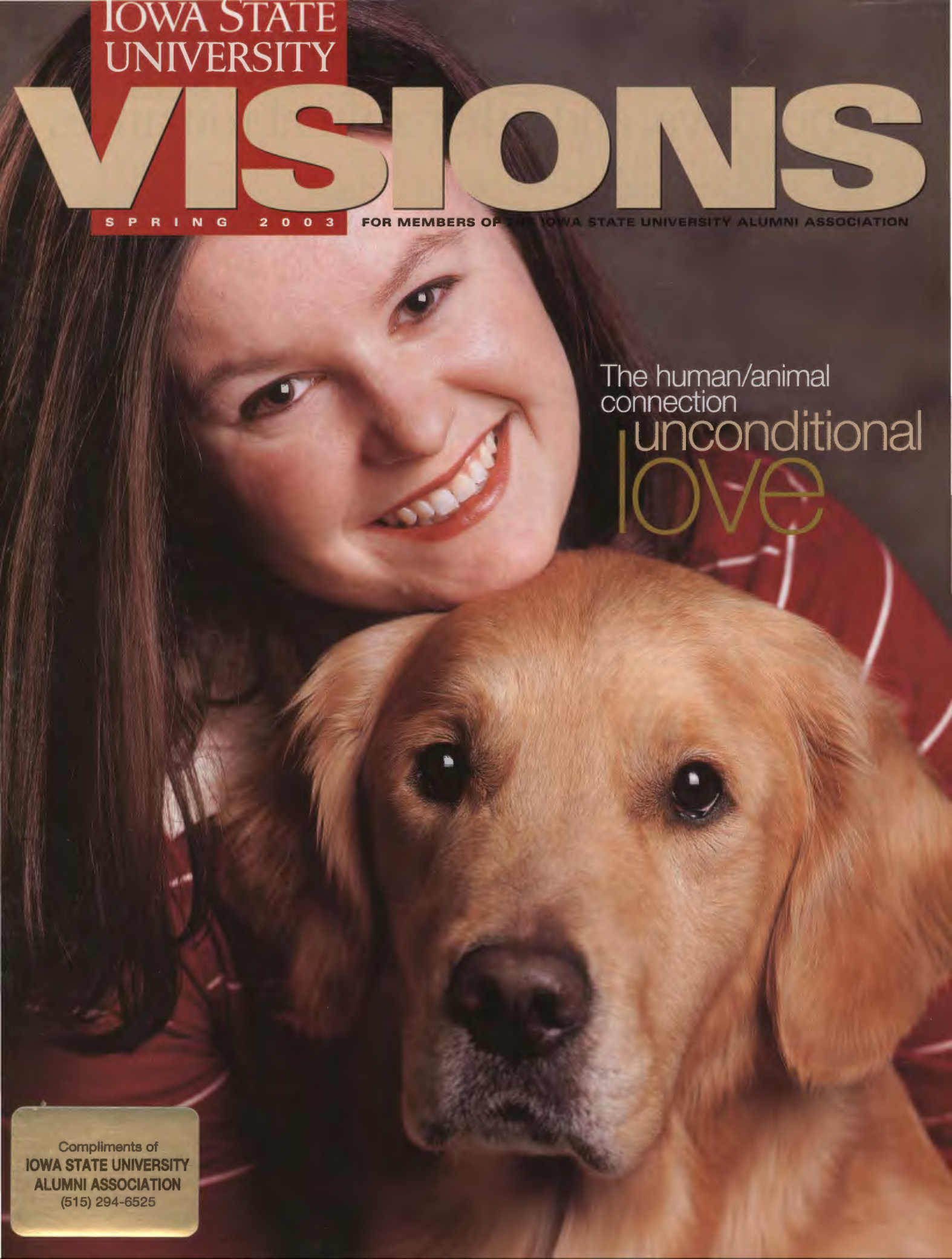
IOWA STATE UNIVERSITY
VISIONS
SPRING 2003
FOR MEMBERS OF THE IOWA STATE UNIVERSITY ALUMNI ASSOCIATION
The human/animal connection
unconditional love
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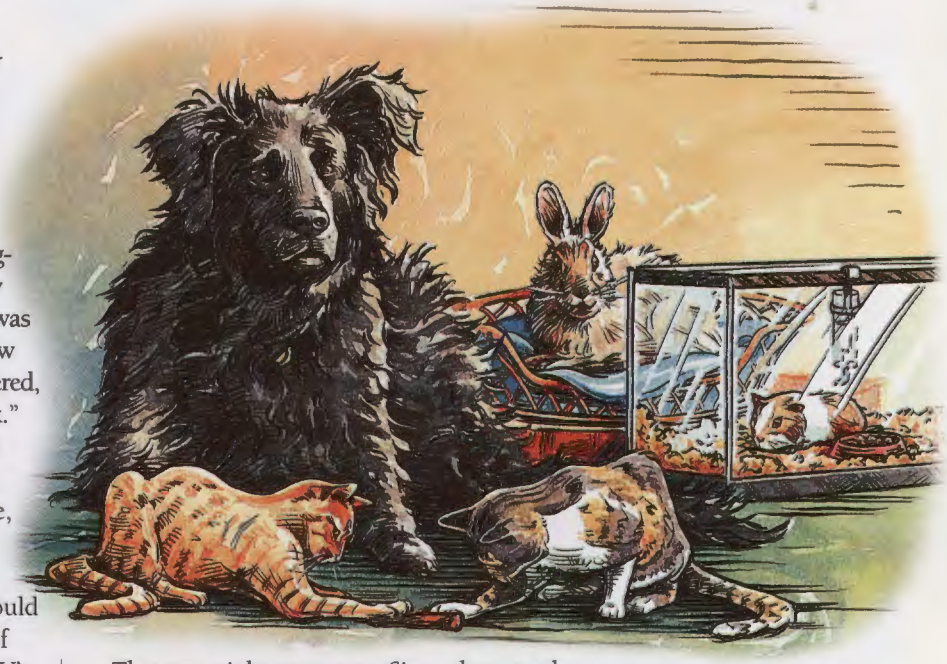
By Carole Gieseke

Puppy love, and other animal romances

My parents loved to tell this story: When my sister Judy was 7 years old, she wanted a skunk for a pet and, oddly enough, my parents were actually thinking about getting her one.



But then my mother found out she was (oops!) pregnant with me, and plans to purchase Pepe Le Pew went out the window. Several months went by, I was born, and Judy's third-grade teacher asked her how she liked her new baby sister. Judy reportedly answered, "She's OK, but I would have rather had the skunk."

Well! My parents and the teacher thought that was a laugh riot, and I heard about it the whole time I was growing up. It probably, in some subtle, subconscious way, should have screwed up my fragile psyche. But the idea of a skunk for a pet? I didn't blame my sister one bit. I thought that would have been way cooler than another sibling, too. (Of course, now that I've talked to the folks over at ISU's Wildlife Care Clinic, I know better than to adopt a wild animal for my own selfish interests!)

Unfortunately, pets were never a big part of my childhood. The best pet my family ever had was a Pekinese named Puddles who died when I was a baby. The story my mother always told me about Puddles was that he had never been able to jump up on the couch (Pekinese have notoriously stumpy legs), but the day they brought me home from the hospital and laid me on the couch, Puddles miraculously made the leap. Later, after Puddles died, we had a toy poodle named (what else?) Fifi, with whom I never really bonded. And that was it for pets.

My other sister was allergic to cat hair, so of course what I wanted most of all was a cat. When I was in college, I adopted a farm kitten and kept her secretively in my no-pets-allowed apartment. A little wildcat, Phoenix shredded curtains and refused litterbox training. The next apartment owner said absolutely no pets, and so Phoenix and I parted company after only a few months.

A few years later, when I was married, I decided I wanted another go at cat ownership. We adopted the biggest, most beautiful neutered male cat you ever saw – a white and tan, long-haired 5-year-old beauty named Toby. Toby lived with us for 13 years and was as close to a child as a pet could be. He developed diabetes in his old age, and we spent hundreds of dollars on his veterinary care and gave him daily insulin shots for years. When we finally had to put him to sleep, my husband had to wear dark glasses for a week.

That was eight years ago. Since then, we have acquired a variety of fish – Timmy, Timmy, and Timmy (thusly named so we didn't have to tell them apart) were my favorites. We owned an adorable but evil rabbit named Buckley, who bit all of us before we finally found him a new home. We had a great experience with a Peruvian guinea pig named Walter, who died of kidney failure at a ripe old age despite the vet's valiant attempt at reviving him with IV fluids and a heating pad. In 1996, we adopted a wonderful Humane Society dog named Suzie, an Airedale/sheepdog mix (think Benji, only bigger). She loves us and protects our house with the ferocity of a Doberman, although in reality she is just a big hairy bowl of Jell-O.

Our final two current housemates are Samantha and Myles, the cats we inherited with our house in 1997. We already had the dog, fish, and guinea pig when we moved to Ames, and we didn't need any more animals. But the old owners said these kitties wouldn't be any trouble; after all, they were outdoor cats. They wouldn't even notice a new family had moved in. Right. Once the cats got used to us and let us pick them up, we determined that they were declawed on all eight paws. That first winter, they meowed pitifully to be let into the house. When the water in their dish froze, we relented and allowed them to sleep in the breezeway. And then the basement. And now, six years later, they sleep in our daughters' beds. Somehow, little by little, they managed to purr their way into our hearts, and we let them do anything they want just as long as they agree to sit quietly on our laps and let us pet their soft fur. □

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Spring 2003 Volume 16 No. 1

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COVER STORY

Unconditional love 10

Humans love animals. Why? Just because. Three Iowa State programs – NatureMapping, the Wildlife Care Clinic, and companion animal veterinary services – show us that, without animals, we "lose track of the pieces."

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The ISU Alumni Association's annual report features five Iowa Staters who have strengthened ties to the university through leadership, membership, and loyalty.

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On the cover:
Copy, a 6-year-old golden retriever, receives a hug from his friend, Sara Vaughn (psychology). Copy belongs to Donna Rizzo ('89 DVM).
Photo by Jim Heemstra

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Letters

VISIONS magazine encourages you, the readers, to express your opinions by writing letters to the editor. Please include your name, class year, address, and daytime phone number. Letters chosen for publication may be edited for length and clarity. Complete letters, as well as additional letters, may be viewed on the Alumni Association Web site: www.isualum.org/go/visions. Send letters to: VISIONS Editor, Alumni Suite, Memorial Union, 2229 Lincoln Way, Ames, IA 50014-7164; fax 515-294-9402, e-mail cgieseke@alumni.iastate.edu.

Alumni Chronicles

YOUR ARTICLE "ALUMNI Chronicles" *(Winter 2003)* failed to include one of my favorite authors, Gene McGivern. His book, *Here's Johnny Orr* (1992), is truly a classic story of an ISU sports icon who, beginning in 1980, took an obscure basketball program at a school better known for engineering and agriculture into the national spotlight – from a Sweet 16 berth in the 1986 NCAA tournament to a second-round appearance in 1992. McGivern covered it all.

A 1981 graduate of ISU with a bachelor's degree in journalism, McGivern currently is a sports correspondent for United Press International and sports information director at the University of St. Thomas, St. Paul, Minn.

Jim Roegiers, '58
Davenport, Iowa

Editor's note: Go to www.isualum.org/connect/feedback.asp?on=books to read about other books written by alumni or to submit your own books online.

Valuing education

I JUST FINISHED READING JEFF Johnson's comments (Association News, *Winter 2003*) in VISIONS. Our society has changed so much in our lifetime that it is alarming and disturbing. I share his views on the importance of education. I really don't know what values are being communicated with our youth today.

Nancy McCahren
Vermillion, South Dakota

I FOUND JEFF JOHNSON'S ARTICLE on educational values most inspiring. The wonderful way in which he shared the educational values his family fostered in him, as well as the issues and challenges he raised for all of us to consider, speaks to the very heart of what I believe is an emerging societal "values" crisis. The reference to the bumper sticker that says, "If you think education is expensive, just wait until you start paying for ignorance" is exactly on target – the people of Iowa just experienced a $39 million increase in the cost of ignorance.

I hope that every Iowa legislator has seen and read this article. I have no doubt that this article will inspire many of our alumni and others to address this critical issue.

David Hopper, Ph.D. '76
ISU Professor of Veterinary Diagnostic and Production Animal Medicine

> "Somehow, as a country, we have gotten our priorities backward."

HERE IN FLORIDA PUBLIC SCHOOLS, students are housed in "temporary" buildings. They have been temporary for a very long time. "Prefab mobile homes on wheels" is a more accurate description.

There is a stretch of highway here in Orlando that travels past one of these "temporary" elementary schools. A short distance later, this same road passes by a gleaming new prison – a building that will certainly endure the winds of many future hurricanes. The visual contrast is very dramatic. Somehow, as a country, we have gotten our priorities backward. If we spent more money on the front end (education) there would be less need to invest so heavily on the back end (prisons).

Scott Rohlf, '77
Orlando, Florida

Morrill Hall

I ENJOYED READING A LITTLE history of Morrill Hall *(Winter 2003)*. Of the many uses of the building in the past, nothing was said of the Music Department. In the '30s the auditorium was used by the Music Department for rehearsals by the mixed chorus and the men's and ladies' glee clubs. The men's glee club included the original Iowa State Singers, a select group of about 30 voices who went on tour during the spring break. I was fortunate to make the cut during my senior year.

Alex E. Sampson, '37
Canon City, Colorado

MEMORIES OF MORRILL HALL? Oh yes, I have many, going back to my earliest childhood memories. As assistant director of the agricultural extension service in Iowa, my father had his office in Morrill Hall. His name was Murl McDonald. As a small child, I can remember how I looked forward to going to his office with him and going upstairs to the museum to see the stuffed animals. As I recall, there were several, and after we got acquainted, I used to visit with them and I even heard them talk to me! I recall once, as I came down the stairs, my mother asked why I was smiling. I didn't want to admit that it was something the giraffe had said, so I kept it a secret between the animals and me.

Jean M. Lamb, '47
Dayton, Ohio

Passages

I WAS VERY SORRY TO HEAR OF Doug Brown's death ("Passages," *Winter 2003*). He was an excellent reader and wrestling commentator. I'm sure he'll be missed.

But I'm not sure you are correct about his having founded the Music Shop. I grew up in Ames and used to listen to that program (7 a.m. as I recall, every weekday) back in the late '20s, the '30s, and perhaps early '40s (before Doug was born!) Enjoyed Lawrence Tibbet, Nelson Eddy, Enrico Caruso, etc., before breakfast. There was a very popular announcer on WOI in those days, Andy Woolfries, who conducted it. Once, when I was in high school, he had me out to the station to play a solo I'd worked up on my baritone horn.

John E. van der Linden, '40
Spirit Lake, Iowa

P.S. The program always opened with the same number, something like "The Whistler and His Dog." It included a whistle and an answering bark.

Editor's note: You are absolutely correct. Doug Brown developed the Music Shop, but didn't found it. Andy Woolfries started it around 1922 on WOI AM.

Realistic portrait of ISU?

I WAS DISGUSTED BY THE "ZIPUSA: 50012" article in the *National Geographic* about the dorms at Iowa State ("Major Media," *Fall 2002*). Do they play computer and video games all day every day? It seems that way from the article. Don't they have to study anymore? We had to spend many hours of class in labs and many hours of studying in the dorm back in the "old days." The large pictures of a girl in military uniform and a boy with his dog collars certainly gives a poor picture of Iowa State, as does the picture that primarily shows a girl smoking. Are these typical or did the photographer just go for the unusual? I wouldn't want my grandchildren to go to Iowa State from this representation of the university.

Marjorie Clampitt Silletto, '48*
Fremont, California

Food irradiation

PLEASE HELP ME DIRECT MY questions on genetically modified foods to the right location to get an answer. After reading the food irradiation article (Around Campus, *Winter 2003*), I think addressing the question of the safety of genetic engineering would be equally interesting to readers.

I have read recently of Third World and European Common Market concerns regarding genetically modified seeds and food. My sister was recently home on leave from missionary life in Uganda, Africa, and I asked her what they were so concerned about. Were the plants much different than hybrids? She said that their concerns were based on

> "I recall once, as I came down the stairs, my mother asked why I was smiling. I didn't want to admit that it was something the giraffe had said, so I kept it a secret between the animals and me."

articles such as "Genetically Modified Foods and the Environment," from a newsletter entitled *Science Alert*. I said I am not willing to accept these articles as factual, but much of the world does consider this information as factual and would be justified in their concern.

What is the truth about genetically modified plants and food?

Leo B. Fell, '61**
Henderson, Nevada

Editor's note: To learn more about genetically modified plants and food, we suggest you read "Ethics and Genetically Modified Foods" by Gary Comstock, ISU professor of philosophy, at http://scope.educ.washington.edu/gmfood/commentary/show.php?author=Comstock. Another valuable Web site is the Center for Consumer Research, where you can find a biotechnology Q&A at http://ccr.ucdavis.edu/biot/index.html.

I WOULD LIKE TO QUESTION SOME the points you have in the article about food irradiation. First, 5,000 people dying a year in the U.S. [from food-borne illness] seems to me very much exaggerated. That is an average of 100 people in each state. I do not remember hearing anything on the TV news of so many people dying.

Secondly, is nuclear energy used to produce this irradiation? If so, how do you propose to dispose of the waste if you go into large-scale irradiation of food?

Thirdly, I don't feel the benefit would be that much to justify spending the money, as you will probably irradiate all kinds of food, not just meats. This makes the expense per family easily around $100 a year. That's money I don't want to spend. And if you have your way, I probably will not have a choice at the grocery store whether or not to buy irradiated food.

Lastly, if people can routinely buy irradiated food, with a longer shelf life, many people will keep that food longer than they should and get sick, thinking, "This meat is OK; it has been irradiated."

Donald Riley, '64*
Harlingen, Texas

Editor's note: To answer the first question, the USDA Center for Food Safety and Nutrition and Iowa State's newly formed Food Safety Research Consortium report that 5,000 people die from food-borne illnesses in this country every year. As for the second question, Jim Dickson, ISU professor and chair of microbiology, who has worked with irradiation for 25 years, tells VISIONS that there are three approved methods to irradiate. Two of the methods use machines that generate electrons or x-rays. There is no waste. The third way uses radioactive isotopes that are generated by cobalt-60 and cesium-137. Cobalt is a mineral that is made radioactive for just this purpose, and there is no waste. Less than 1 percent of industrial irradiators use cesium-137, which is a waste product from nuclear weapons. Cesium doesn't give off nuclear waste; it is waste.

State funding

I PERIODICALLY READ THE AMES and Des Moines online newspapers about Iowa State budget problems and battles with the legislature, regents, and the other state organizations. I received the impression that Iowa State seems to be taking the hardest budget hits and strongest criticisms by the legislature. The state of Iowa support of universities will always be inconsistent given the taxation methods used and the political environment.

Reducing the reliance and impact of state support will not be easy and will require time. One model that should be considered is that of the Stanford Research Institute (originally related to Stanford University, a private university). It is not for profit and is independent of the university. This somewhat like Iowa State's fundraising Foundation, but has an entirely different purpose.

Iowa State would have to start small and build, but it could operate in any state or location. It could eventually become the foundation of a research area (like Silicon Valley for Iowa). It could support research in and out of the university and offer additional income for many members of the faculty outside the scrutiny of the state politicians.

Greg Brown, '57*
Decatur, Alabama

Editor's note: You might be interested to know that ISU Research Park, located south of campus, is a 230-acre development with more than 270,000 square feet of building space. An incubator of new and expanding businesses, ISU Research Park provides an environment for technology-based firms and research organizations, with the goal of helping young Iowa-based companies develop their potential. The Research Park is home to more than 50 companies and currently employs more than 800 people. The ISU Research Park Corporation was established in 1987 as a not-for-profit, independent corporation operating under a board of directors appointed by ISU and the ISU Foundation.

*Annual Alumni Association member
** Life member

New rules for classroom behavior

The ISU Faculty Senate has passed a new policy that allows departments to oust a student who disrupts the learning environment to such an extent that the teacher can't accomplish curriculum objectives. The policy includes specific procedures a professor should take with a disruptive student, including temporary and permanent suspension.

Locking up

An increase in break-ins, solicitors, and trespassers prompted the university to change its policy regarding locking residence halls. Previously, residence halls had been locked only between midnight and 6 a.m., a climate that was different from most other universities. Now, doors are locked at all times, except for main entrances.

ASK AN EXPERT

Helping college students avoid credit card pitfalls

Our expert is Tahira Hira, assistant to the president for external relations and executive administration.

Q: We understand that excessive credit card debt can be a serious problem for college-age students. Our daughter will be a freshman next fall at ISU. What can we do to help her avoid this pitfall?

A: The reason many young people misuse credit cards is because they have received no education about budgets – not even a conversation with their parents. Sit down with your daughter before she leaves and help her develop a budget. It should include a complete list of her income and her anticipated expenditures. Be sure she includes clothing, entertainment, meals out, and spring break.

> The reason many young people misuse credit cards is because they have received no education about budgets.

Q: Should we advise her against getting a credit card?

A: Not necessarily. A credit card can be a convenient tool, if users understand that it is just that – a tool, not a loan source. First of all, your daughter should understand that she should not put things on her credit card that are not in her budget. Then she should understand all the terms of the legally binding agreement she is entering into, including grace periods, penalties, and interest.

Q: Is there any way we can monitor her use?

A: You might consider getting a joint credit card in both your names.

Q: Is there anything ISU is doing to help counsel students about credit card debt?

A: Yes, for the first time this year, a session on budgeting was included in freshman orientation and it is now a permanent feature. Also, students may make use of the university's financial counseling clinic, at no cost to them. □

Many questions can be answered on the clinic's online site: www.fcs.iastate.edu/finencial/default

On the Web

Campus community mourns loss of Pete Taylor

Iowa State University lost a cherished friend on March 5 when veteran sportscaster and ISU associate athletics director Pete Taylor died following surgery to treat complications from a stroke. He was 57.

"Our thoughts and prayers go out to the Taylor family," said Iowa State Athletics Director Bruce Van De Velde. "To many, many people in our state and beyond, Pete was Cyclone athletics."

A public memorial service honoring Taylor was held at Hilton Coliseum on Sunday, March 8. VISIONS will profile the Cyclone radio play-by-play announcer in its summer issue. □

Ben Allen named provost and vice president for academic affairs

Benjamin Allen has been named provost and vice president for academic affairs, replacing Rollin Richmond, who left Iowa State to become president of Humboldt State University in California. Allen had been serving as interim provost since Richmond's departure in June.

Allen has been at ISU since 1979. During that time he was dean of the College of Business, interim vice president for external affairs, and a distinguished professor in business, specializing in transportation and logistics. He holds an undergraduate degree from Indiana University and an M.A. and Ph.D. from the University of Illinois. □

Morrill Hall campaign gathers momentum

Iowa State alumnus Lyle Campbell ('66, agricultural business) and his wife, Nancy, have pledged $1 million toward the fund to renovate Morrill Hall.

The realization of a $9 million campaign, co-chaired by the Campbells and ISU President Gregory Geoffroy and his wife, Kathy, would make possible a new home at Morrill Hall for three programs: the Christian Petersen Art Museum, the Center for Teaching Excellence, and a proposed Center for Visual Learning in Textiles and Clothing.

"Justin Morrill's foresight in establishing legislation that would provide education to the masses after the Civil War was momentous for this country," said Lyle Campbell. "We want to preserve Morrill Hall, both because of its heritage and its character."

Morrill Hall renovation:
www.iastate.edu/morrill

On the Web

ISU professor is honored

J. Herman Blake, director of African American Studies, has been named the 2002 U.S. Professor of the Year for the state of Iowa by the Carnegie Foundation for the Advancement of Teaching and the Council for Advancement and Support of Education (CASE). Blake, who has been at Iowa State since 1998, is a professor of sociology and educational leadership and policy studies. He is responsible for the development and curriculum of the African American Studies program and also teaches for the Department of Sociology and the College of Education. □

BOB ELBERT

High-achieving minority scholars

Iowa State ranks third among the nation's public universities and 11th among all universities in its enrollment of top scholars who are African American. This fall, ISU enrolled a record 19 African American National Achievement Scholars, from a total of 55 National Achievement Scholars enrolled at ISU.

Nagging vs. sweet talk

Every parent is familiar with the strategy their teen favors, when the parent is supposed to fork over something their kid wants. Strategies include bargaining, logical persuasion, guilt, nagging, sweet talk, and the silent treatment. But how do kids choose their strategies? Kay Palan, ISU associate professor of marketing, has researched the question, and concludes that kids take their cues from the strategies that they observe their parents using. Teens are more likely to use negative strategies like whining and slamming doors with parents who are authoritarian. On the other hand, if kids observe that their parents use reason and logic to resolve conflict, they are more likely to employ the same strategy.

AroundCampus

Lighten Up Iowa

ISU Extension has partnered with the Iowa Department of Public Health and Iowa Games to promote a competition that encourages Iowans to develop healthier habits. "Lighten Up Iowa," a five-month competition that began in January, encourages Iowans to increase their physical activity and eat more fruits and vegetables. Even people outside the state can benefit from the common-sense advice offered at www.lightenupiowa.org/.

Snap, crackle, pop

Remember that giant Rice Krispies Treat that was in the 2001 Veishea parade? Students and other volunteers made the 2,480-pound treat in the Friley Hall kitchen, hoping to break the previous record of 2,260 pounds set by Michigan State University. Iowa State was recently notified by the people at Guinness World Records that indeed, the ISU entry is the new record-holder. The giant Treat honors Mildred Day, a 1928 ISU home economics graduate who helped create the prototype for the Rice Krispies Treat while employed at Kellogg's.

Beardshear's dome glistens

Beardshear Hall is glistening these days. Scaffolding, which had been up for most of the school year, was finally removed, revealing a glistening dome, renovated with 24-karat gold leaf, spotlights, and new paint – made possible by the gifts of a few private donors with a special love for the old building. Yesterday's mauve has given away to a rich gold, caramel, and chocolate which closely match the original colors used on the building in 1906. A new stained glass window will soon be added to the dome.

Staff from Evergreene Painting Studios, a New York-based restoration firm, used old photographs and high-tech science to sift through a century's worth of old paint layers and arrive at the dome's original color schemes. Workers then washed, primed, painted, glazed, and gilded the plaster surfaces to match the Beardshear Hall of old.

The grandeur of Beardshear Hall is an architectural clue to the attitudes of the 1900s, says Lynette Pohlman, director of University Museums. "When Iowa State was poor and struggling, we built red brick buildings with materials that were made on site. But after the turn of the century, we had survived economic turmoil and we were able to build magnificent, classical limestone buildings. Architecture was used to inspire. Buildings were a way for the institution to say, 'We're here to stay! Your children are in good hands. They will help us build a better world.'" □

BOB ELBERT

Restoration specialists used old photographs and high-tech science to sift through a century's worth of old paint layers to arrive at the dome's original color schemes.

ISU alum killed in Kuwait

ISU aerospace graduate Michael Rene Pouliot ('79, M.S. '80) was killed Jan. 21 in Kuwait, when the car he and his colleagues were riding in was sprayed with gunfire at a well-traveled intersection not far from a U.S. military base.

Pouliot had been in the country for eight days, conducting business for Tapestry Solutions, a San Diego-based software company that he co-founded. Pouliot, 46, and his wife, Carol Jean Todd Pouliot ('78 textiles and clothing, M.S. '80), have two teenage daughters. □

Michael Rene Pouliot

Fall commencement highlights

Approximately 1,500 undergraduate students received their degrees at commencement on Dec. 21 and heard Thomas Sutherland (M.S. '56, Ph.D. '58, animal science) share memories and advice. Sutherland was a household name for six years, after he was taken hostage by terrorists on June 9, 1985, while serving as dean of agriculture at the American University of Beirut in Lebanon. Every year, on the anniversary of his captivity, ISU's bells tolled the number of months he and fellow Iowa Stater Terry Anderson had been in prison. Iowa State's vigil ended when the two men were released, Nov. 18, 1991.

Tom Sutherland was a household name for six years, after he was taken hostage by terrorists on June 9, 1985.

M. Daniel Lane ('51 animal science, M.S. '53), who is known for his groundbreaking work in the fields of biochemistry and nutrition, was awarded an honorary doctorate of humane letters during commencement ceremonies. His research on the development and functions of fat cells led to important insights into appetite control, including the discovery of an innovative appetite-suppressant drug. □

Geoffroy on diversity

"We come here from many, many different backgrounds, cultures, and parts of the world, but here at Iowa State University, we are all part of the same community, with the same goals and objectives – to make this the best learning and living environment possible so that all who come here can succeed at their highest levels.... Diversity is important because it touches and affects everything we do as a university."

ISU President Gregory Geoffroy's remarks from the first in a series of conversations on diversity: www.iastate.edu/~president/speeches/03/diversity.shtml

How Can Estate Gifts Benefit My Loved Ones and Iowa State?

A will or living trust is a good way to ensure your loved ones are provided for after your death and that your preferred charities are supported as you intend. Gifts from wills or trusts provide significant funding for Iowa State programs, students and facilities. You can also benefit by retaining the use of the assets during your life and by saving on potential estate taxes.

Iowa State University Foundation

To learn more about how estate gifts can benefit you and Iowa State, call 800.621.8515 or visit www.foundation.iastate.edu/giftplanning

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The human/animal conn

SQUINTS THE SCREECH OWL was hit by a car and taken to ISU's Wildlife Care Clinic for medical treatment three years ago. Humans – through their automobiles, pesticides, and history of destroying natural habitats – are responsible for the world's declining species.

ection: unconditional love

By Karol Crosbie Photos by Jim Heemstra

We have changed our minds. There was a time when we valued animals only because of what they did for us. The recognition that animals are inherently valuable has come only after a great price – the disappearance and drastic reduction of many animal species. Iowa State faculty, students, and alumni who study and practice ecology frequently point to a mentor who helped them change their minds: Aldo Leopold. Leopold, an Iowan who taught, wrote, and practiced environmentalism in the first half of the 1900s, is considered America's father of wildlife conservation.

Iowa State alum Bruce Ehresman ('77, animal ecology), wildlife diversity biologist for the Iowa Department of Natural Resources, practices Leopold's ethic in both his work and personal life. "Every living thing has value," says Ehresman. "We just don't know what it is. We seem to think we need to know."

Jim Pease, assistant professor of animal ecology, is also very likely to quote Leopold. "The last word in ignorance is the man who says of an animal or plant, 'What good is it?'... In human history, we have learned (I hope) that the conqueror role is eventually self-defeating. Why? Because it is implicit in such a role that the conqueror knows just what makes the community clock tick, and just what and who is valuable, and what and who is worthless, in community life. It always turns out that he knows neither, and this is why his conquests eventually defeat themselves.

"Humans are inveterate tinkerers; the first job of the intelligent tinkerer is to save all the pieces."

But Pease, Ehresman, and other ecologists know one thing for certain: Humans have not saved all the pieces. And there is no better illustration of losing track of the pieces than in the state of Iowa.

> "The last word in ignorance is the man who says of an animal or plant, 'What good is it?'"
>
> ALDO LEOPOLD

For 128 years, the official federal policy of the United States was to drain all wetlands and convert them to agricultural land. The policy changed Iowa more than any other area in the country. "We drained 90 to 98 percent of our wetlands," says Pease. "That's incredible." As the state's natural habitat disappeared, so did its wildlife.

"Often you don't miss the water until the well runs dry. In 1985, as a society, we looked around and said, 'Wait a minute. Maybe that's not what we want. Do we really want to lose that piece of wildness that seems to be so key to our being and our humanness?' We decided that we did not."

An executive order by former President Jimmy Carter in 1978 ended a federal policy of draining wetlands, and the Farm Bill of 1985 began compensating farmers for returning farmland to its natural state. Pease, who interviewed 300 farmers in 18 states who had participated in wetland restoration, says that his research illuminated the enormous cultural shift that took place in rural America. "What came up over and over in the interviews was people saying, 'My daddy is rolling over in his grave. He wouldn't believe that we're restoring what he tore out.'"

Saving the pieces: *NatureMapping*

As Jim Pease observed society slowly changing its mind, he decided to develop a program that would involve nature lovers in documenting the state's wildlife. Since the beginning of ISU Extension's NatureMapping program in 1995, the program has taught 500 volunteers how to identify and record the presence of birds, mammals, and amphibians in designated areas. Only the third state in the country to involve volunteers in documentation, NatureMapping has become a model for other states' programs.

The program's coordinator, Jason O'Brien, ISU extension program specialist and a 1996 ISU graduate in animal ecology, conducts training workshops that have resulted in more than 14,000 records of wildlife. Volunteers, equipped with notebooks and binoculars, record the species of wildlife they observe. "We're beginning to document events that have not officially been recorded for 100 years," O'Brien says. For example, the sandhill crane, a magnificent four-foot-tall bird, is returning to Iowa after a 100-year absence. And the bobcat, which was driven out of the state in the 1800s, has been seen in 70 Iowa counties since 1999.

"In the past, our natural habitat was maintained and managed by hunters. Habitats for game species were preserved, and non-game species benefited," says O'Brien.

But as interest in hunting has declined, the responsibility and role of maintaining habitats must also shift, say ecologists. NatureMapping takes advantage of a growing number of bird, butterfly, and even dragonfly enthusiasts. A 2001 U.S. Fish and Wildlife survey revealed that that 66.1 million people participated in at least one type of wildlife-watching activity, including observing, feeding, or photographing wildlife, compared to only 13 million who hunted and 34.1 million who fished. In Iowa, half the adult population report that they feed or watch wildlife, says O'Brien.

"People get joy from nature. We experience the ritual of the change of seasons by communing with nature. It is part of being a whole person. NatureMapping validates what interests nature lovers," says O'Brien. "I don't think we validate as often as we ought to."

More than 98 percent of Iowa's land is privately owned and managed, and that is one reason why little is known about the environmental impact of land use, say scientists. "The only way to know, is to ask land owners," says O'Brien. "And that's what we're doing."

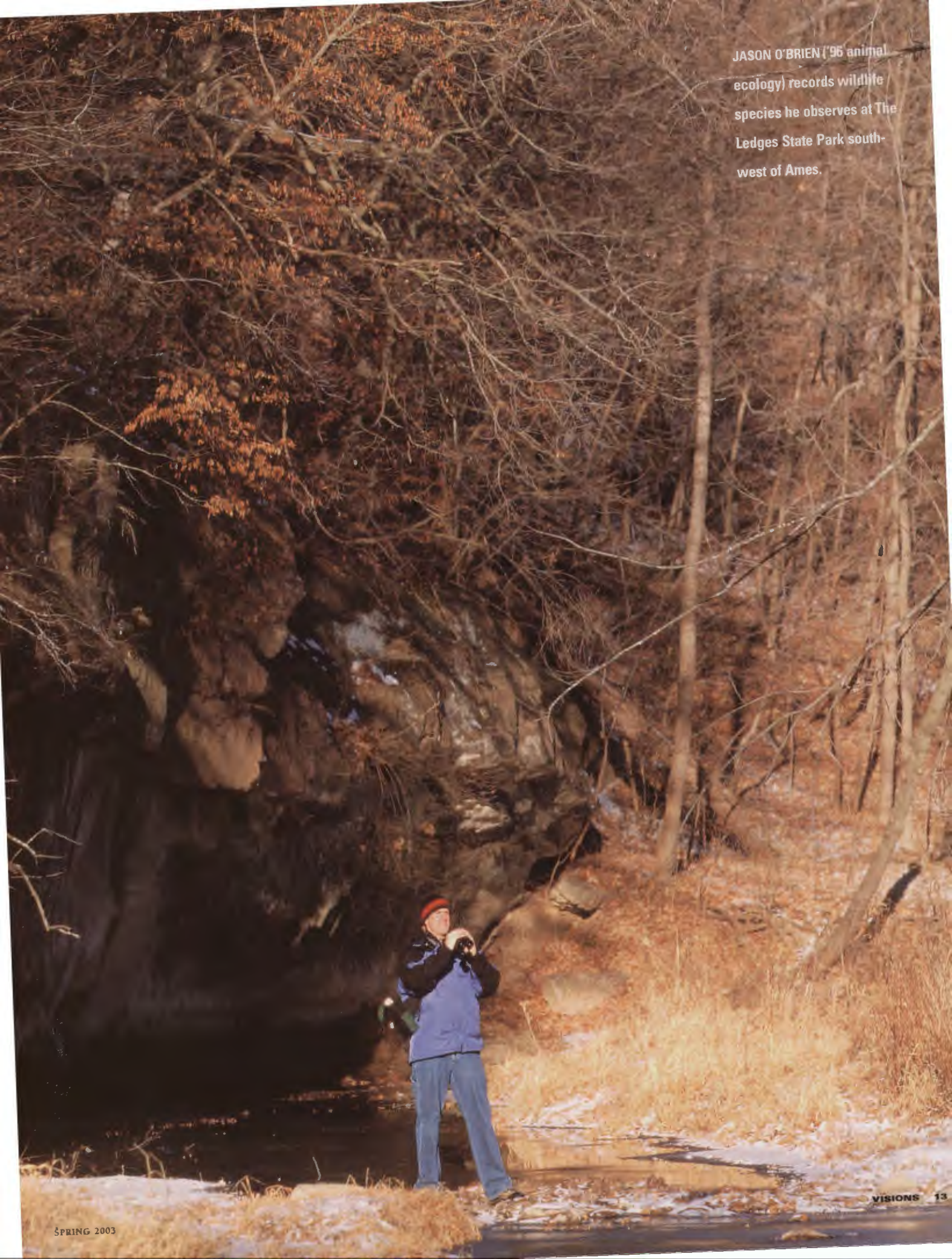
State natural resource employee Ehresman, who uses data from NatureMapping to help develop state policies, is guarded in his assessment of Iowa's progress. "It's been a slow evolution. It's not as fast as we would hope, but after all, this is Iowa. Our landscape is agricultural, and it takes a long time to change attitudes. People are being compensated for doing the right thing [setting aside land for conservation]. Fifty percent of farm income comes from federal payments – we might as well be paying people to do the right thing."

> "People get joy from nature. We experience the ritual of the change of seasons by communing with nature."
>
> JASON O'BRIEN

But, he notes that only 1 percent of Iowa's taxpayers participate in the Chickadee Check-off, a state program that allows people to donate money to the state's wildlife program when they pay their taxes.

"Our predecessors, the Native Americans, respected life," says Ehresman. "Without that respect, there's not much hope. As the *Book of Ecclesiastes* says, 'For everything there is a season.'

"There is a reason for all existence."



JASON O'BRIEN ('96 animal ecology) records wildlife species he observes at The Ledges State Park southwest of Ames.

DEB SCHUMACHER, an animal ecology major, prepares Sora, a red-tailed hawk, for flight. Sora is a resident of the Wildlife Care Clinic.

Caring for our wild things: *Iowa State's Wildlife Care Clinic*

Given the impact Iowans have had on their natural environment, it is no surprise that when wildlife is found injured, homeless, or orphaned, the reason for their misfortunes involves humans' cars, guns, or misjudgment in 75 percent of the cases. Iowa State's Wildlife Care Clinic, a branch of the College of Veterinary Medicine's veterinary teaching hospital, has treated 6,000 animals since it opened in 1984. Its daily operations are funded by private donations, and its around-the-clock care is supported by student volunteers. The college's veterinary staff provide diagnoses, treatment, and rehabilitation.

Animals at the clinic tell their own stories. For example, the red-tailed hawk with the blue bandage on his leg waits patiently inside a blanketed cage. Every effort is made to keep human/animal interaction minimal for patients who will ultimately be returned to their natural homes, says Michael Loenser, the clinic's staff veterinarian (DVM '96). Cages are

Iowa State's Wildlife Care Clinic provides diagnoses, treatment, and rehabilitation.

covered, and sweet talk and petting are forbidden. Feeding patients the wrong food – for example, feeding a hawk a white mouse instead of a brown one – can effect their ability to survive in the wild. Raptors are banded before they are released. "We don't want to see our band and find that they have starved to death," says Loenser. "That would mean they'd been taught something different while they were with us."

Birds with names on their uncovered cages are permanent residents. When animals are so maimed they can't return to their native homes, licensed facilities like ISU's Wildlife Care Clinic are permitted to keep them – but only a specified number

Wildlife rescue tips

Releasing rehabilitated animals from the clinic is a rewarding event, and the person who brought the animal to the clinic is encouraged to be present. While everyone who rescues an animal is good willed, sometimes they are misguided, said Michael Loenser, the clinic's staff veterinarian. "A mother rabbit is probably watching, as you scoop up her 'orphaned' baby." Often, if rehabilitation is attempted at home, it is performed incorrectly.

Deb Schumaker, a junior in animal ecology who is a part-time clinic employee, offers these tips for rescuing wild animals.

- **Baby bunnies:** If you stumble upon a nest of baby bunnies with no mother around, don't be alarmed. This is normal. Mother rabbits are at the nest only at dusk and at dawn to feed their young. The rest of the time the nest is left unattended. If you think the mother has been killed or has abandoned the nest, place a string across the nest and wait until morning. If the string is moved, she was at the nest; if not, she has abandoned it.
- **Baby squirrels and unfeathered birds:** If you find baby squirrels or birds on the ground, the mothers will not care for them and they will need care. To capture small birds, first throw a towel over them, then place them in a box for transport. Keep them warm until they can be brought to a rehabilitation clinic.
- **Hawks and owls:** Typically, if a bird doesn't fly away from you, it is injured. To safely capture a hawk or owl, throw a big blanket over the bird, covering its entire body. Birds have an out-of-sight, out-of-mind outlook; if they can't see what's going on, they relax. But don't try putting these birds in a box with your bare hands. Use thick leather gloves.
- **Endangered species** (bald eagles, trumpeter swans, peregrine falcons): Contact your local natural resource officer, who will help to capture and transport the animal to a clinic.

"VULTURE" THE TURKEY VULTURE nips at a visitor's shoelaces.

for each species. One of the clinic's jobs is to find zoos or other licensed facilities for animals that need permanent shelter.

Oona, the barred owl, has lived at Iowa State for 13 years. Grampy, the great horned owl – a five-year resident – loftily surveys everyone who enters. A turkey vulture (cryptically named "Vulture") sprints around the room, taking aggressive nibbles from human ankles.

But when clinic staff take their permanent-resident birds to schools to present educational programs for children, they carefully remove the animals' names from their cages, and refer to them only by their species name. "We always want to communicate that we don't own them," says Loenser. "Nobody does. They aren't pets."

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Although the clinic is not a moneymaker for the veterinary school, it has significant public relations value. For example, when a woodchuck with a lacerated eye literally showed up at the clinic's doorstep (the veterinary college is located in a rural, woody area) the public eagerly read about "Woody's" progress, and his release was ceremonious and well documented. The media also documented the story of the bald eagle that survived a shotgun blast and a crash through a car windshield in December 1997 and was treated at the Wildlife Care Clinic. ISU veterinary surgeons twice operated on the bird's shattered left wing, but the damage was too severe, and the eagle was euthanized the following spring. And when Lancelot, Lake LaVerne's reigning swan, jumped out of the lake to chase a lawnmower and broke his ankle, caretakers rushed him to the clinic. "We don't normally take tame animals," said Loenser. "But it was Lancelot."

Alumni and friends wishing to contribute to the NatureMapping program may do so at jdbrehm@iastate.edu. To donate to the Wildlife Care Clinic or Veterinary Medicine Teaching Hospital, write to mgporter@iastate.edu.

To contact the Pet Loss Support Hotline call 1-888-ISU-PLSH (478-7574). The Pet Loss Support Hotline is staffed seven days a week September through April (6 a.m. to 9 p.m.) and Monday/Wednesday/Friday May through August (6 a.m. to 9 p.m.)

Mourning the loss of a species:

'A new thing under the sun'

Although we have changed our minds about our wildlife, in many cases it has not been soon enough. In the past 15 years, more than half of Iowa's fresh-water mussels have disappeared, making the tiny clam the most endangered species in the world. In the case of mussels, humans have discovered their valuable place in our ecological system. Under some conditions, a single mussel can filter all the particles out of several quarts of water each hour. But at the same time they help clean water, they are also highly vulnerable to pollutants. So as we pollute our water, we kill the very organism that can help us clean it up. In other words, the worse it gets, the worse it gets. Iowa State professor of animal ecology John Downing and his research team have begun a monitoring and restoration process for this useful little critter.

"For one species to mourn the death of another is a new thing under the sun," writes Leopold. "The Cro-Magnon who slew the last mammoth thought only of steaks. The sportsman who shot the last (passenger) pigeon thought only of his prowess. The sailor who clubbed the last auck thought of nothing at all. But we, who have lost our pigeons, mourn the loss. Had the funeral been ours, the pigeons would hardly have mourned us. In this fact, rather than in Mr. DuPont's nylons or Mr. Vannevar Bush's bombs, lies objective evidence of our superiority over the beasts."

ISU alum is pioneer wildlife veterinarian

The story of how Murray Fowler ('55, DVM) began a career that would place him at the forefront of zoological medicine (the term for all non-domesticated animals) is a good one. The year was 1955, and Fowler, a fresh new graduate of Iowa State, had just moved to San Fernando Valley, Calif., to begin a career treating horses. But his first patient was not a horse, it was an ailing camel – one of the stars of the movie "The Ten Commandments." Thus began an interest in non-domesticated animals that would eventually lead Fowler to establish in 1967 the world's first formal program for wild animals – both those in captivity and free-ranging. As chief of zoological medical service at the School for Veterinary Medicine, University of California, Davis, Fowler authored or co-authored more than 18 books, including textbooks on how to care for wild animals. At Davis, he supervised a raptor rehabilitation center that released about 500 raptors yearly and maintained more than 100 birds for education and research.

MURRAY FOWLER ('55 DVM) has authored more than a dozen books on caring for wild animals.

Today more than ever, it is essential that both veterinary students and the public understand the whole biology of the animal kingdom, says Fowler, who retired in 1991. Understanding animals' behaviors – not just their illnesses – is critical for veterinarians who treat wild animals. "The first thing I did with students was to indoctrinate them – get them to think biology. Unfortunately, you can get out of veterinary school and not understand biology."

The world's disappearing boundaries means that animals will increasingly be moved from their natural habitats, sometimes with disastrous consequences. Viruses that can exist benignly in some species can kill others. For example, a particular human virus can kill a gorilla, and a herpes virus in a Rhesus monkey can kill a human. "We must have a global view of where animals belong and how we interact," he says.

An understanding of the whole biology of the animal will also allow humans to better read their signals when an environment is being destroyed. "Animals are our sentinels. If we pay attention, they will tell us when things are going wrong."

There is reason for both optimism and dismay, says Fowler. "There is no question in my mind that people value and are more aware of wild animals than they were two decades ago.

"But there is also no question that our wild animals are being hammered on – not by hunters, but by the loss of their natural environments. It's ironic that Americans get hot and bothered about saving animals in other countries. They go to Africa and tell people what to do, but they have done a very bad thing with animals in their own country."

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DR. MURRAY FOWLER

Companion animals: *Non-economical love*

Iowa writer and naturalist Aldo Leopold ironically comments that it is difficult for humans to express love of wildlife without feeling that they should also find economic value. "Wildflowers and songbirds… are entitled to continuance. [But] when one of these non-economic categories is threatened, and if we happen to love it, we invent subterfuges to give it economic importance.… The evidence has to be economic in order to be valid."

But with domesticated pets, humans have given up any pretense of economic value and are quite comfortable saying, "You are valued because I love you."

Today, the bonds between humans and their pets have never been stronger. As societal and family bonds become frayed, people are more likely to depend on the deep connections with their pets, and to consider them members of their family. In fact, in this country, more people have pets than have children. Accordingly, humans' relationships with their pets' doctors also deepens.

Learning to communicate with humans

As both a pet owner and veterinarian, alumna Donna Rizzo (DVM '89) is well known in central Iowa for her compassionate treatment of animals. Most of what she knows about effective communication has come from experience and intuitively, from her own love of animals, says Rizzo. "I had several good instructors who had good rapport with clients – and the opportunity to observe them definitely made a difference. But I also had a few instructors with horrible rapport. You could see the confusion in their clients' eyes. I said to myself, 'This is not how I would handle this.' And that's a learning experience, too." Formal training in understanding and handling grief – both in clients and for the veterinarians themselves, would be helpful, says Rizzo.

Currently, Iowa State's veterinary medicine students learn about caring for their human clients primarily by observing their mentors, who are faculty in the veterinary teaching hospital. Fourth-year students work beside faculty in all aspects of veterinary care – from initial interviews with pet owners, to laboratory work, to follow-up.

On a typical day, there is much to observe, particularly if one is at the elbow of Leslie Fox, ISU associate professor in the Department of Veterinary Clinical Sciences. Neither professor nor students pause for a break, throughout the breathless procession of pets and their owners. The day begins with Fox and student Walker Brown meeting with the owner of Alexis, a gentle basset hound. Brown listens and watches carefully as his mentor gently explains a treatment plan. Fox must simultaneously juggle issues of cost, efficacy, and emotions. She is aware that the meeting – one that will long be remembered by the dog's owner – must also be a teaching opportunity for her student.

> "I saw that the depth to which we go in small animal medicine to care for our patients is amazing. I said to myself, 'That's what I've got to do; that's the level of medicine that I want to practice.'"
>
> AMY GIBBS

The internal medicine special service area often treats animals that have been referred by other veterinarians, and the diagnosis is frequently lymphoma. On this day, Fox and her students explain lymphoma treatment plans to half a dozen clients.

Chemotherapy is routinely used, but unlike with human treatment, only low doses are used. "It's not acceptable in veterinary medicine for treatments to make our patients sick," says Fox. The minimum dosages of the drug shrink – rather than eradicate – the tumors, giving pets an additional six months to two years of life.

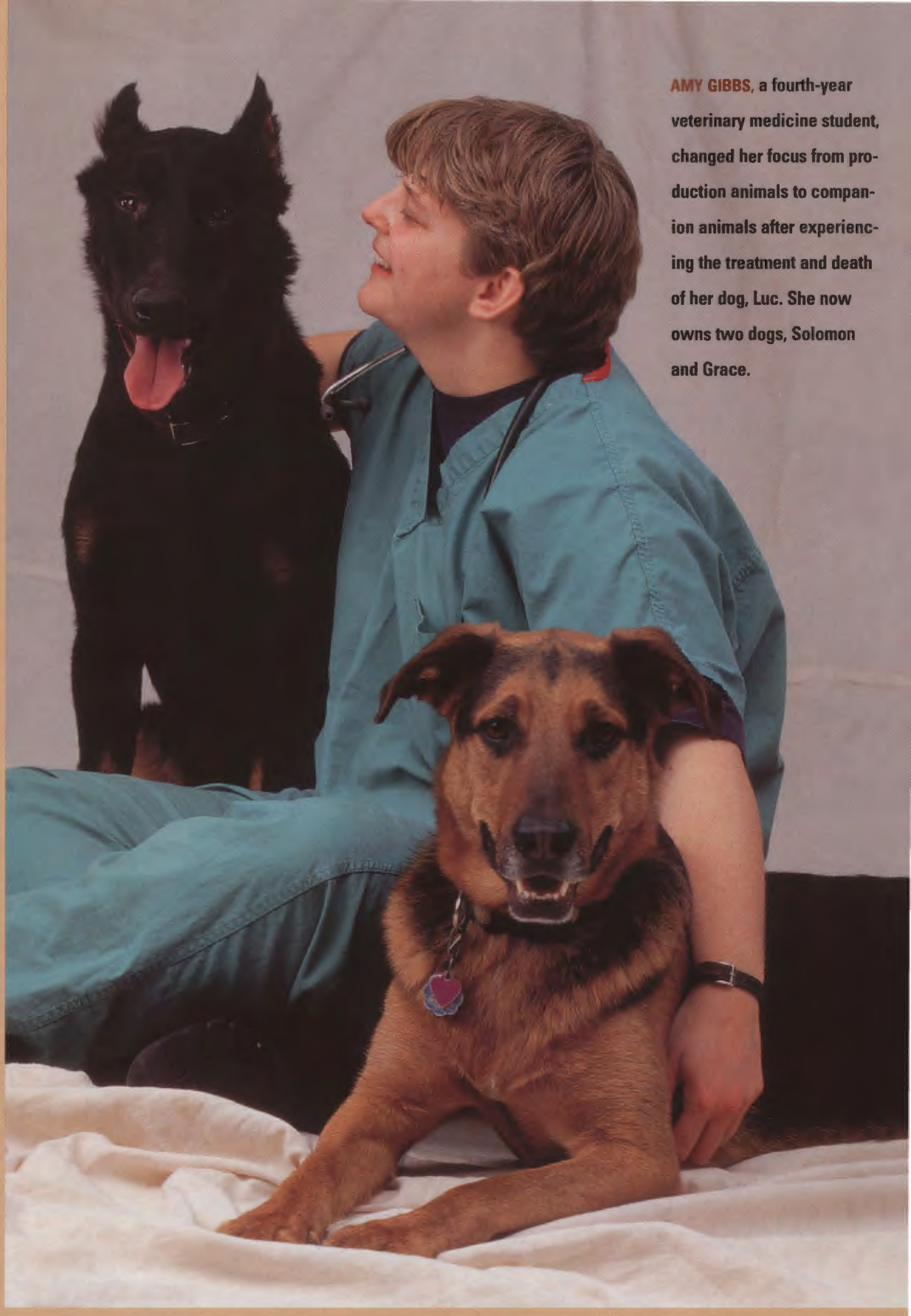
And, unlike human treatment, there is no one helping to pay the bills. Costs can run from $500 to $3,000, and often represent significant hardship for owners. Every test that is recommended or suggested must be carefully explained to clients. "For every test and procedure that I do, I must first convince the client of its necessity or appropriateness," says Fox.

Students say that watching their clients' sorrow is difficult. But, says student Tim Clark, if euthanasia is the hardest part, it is, paradoxically also the "best part." Clark, who worked for more than 20 years as an inhalation therapist in a human hospital, says he changed his profession in mid-life from treating humans to treating animals, because of the lack of compassionate boundaries in a science-driven profession. "We do things to prolong life that – as the expression goes – you wouldn't do to a dog."

Student Amy Gibbs, who originally intended to specialize in large production animals, says she changed to a companion animal focus after she experienced the treatment and death of her dog, Luc. After Luc was diagnosed with lymphoma, Gibbs – who was then a freshman veterinary medicine student – worked with former ISU clinician Jo Ann Morrison to treat Luc with doses of chemotherapy that did not compromise his quality of life.

"I saw that the depth to which we go in small animal medicine to care for our patients is amazing," says Gibbs. "That's what drew me. To be able to give that service is incredible. I said to myself, 'That's what I've got to do; that's the level of medicine that I want to practice. I want to find out what those unknowns are.'"

The treatments gave Luc two more years of life. When they stopped working and it was time for Luc to go, Dr. Morrison helped administer euthanasia. "She had told me to call her any time and she would come,"



AMY GIBBS, a fourth-year veterinary medicine student, changed her focus from production animals to companion animals after experiencing the treatment and death of her dog, Luc. She now owns two dogs, Solomon and Grace.

remembers Gibbs. "She was wonderful."

"Watching residents helps you learn, but I definitely think we could use more formal training. My uncle taught a course in grief management at the University of Illinois. I wish Iowa State had a course like that."

Very soon, Iowa State will have such a course. A Veterinary in Society course will give students formal training. A more informal opportunity will come from a cross-disciplinary partnership with Iowa State's Psychology Department developed by Fox, in which a Ph.D. counseling student will work with veterinary students and clients. Already in place is the Veterinary College's Pet Loss Support Hotline (funded entirely by donations) which offers 24-hour-a-day support.

For students Gibbs, Brown, and Clark, the decision to devote their professional lives to animals is not particularly economically wise. Most will graduate from Iowa State with at least a $52,000 debt; their starting salary will be around $49,000.

The students go into the profession for the same non-utilitarian reason that humans own pets. Pets love their owners unconditionally – a powerful gift. "For pets, you being you is good enough," says Gibbs.

As with wild animals, society's relationship with pets is evolving, as their value is understood and acknowledged. "Ten years ago, people would look at you as if you were insane if you said you were treating your dog with radiation therapy," says Rizzo. "Today, it is more acceptable to do what your heart tells you to do."

By Karol Crosbie

Joanne Wilson: It's OK to be blind

JIM HEEMSTRA

Joanne Wilson

"It's OK to be blind." That's the message Joanne Wilson has been delivering ever since she came to terms with her own blindness, and one that she wants both sighted and blind people to embrace.

Last fall, Wilson, who received bachelor's and master's degrees in education from Iowa State in 1969 and 1971, was on campus to accept an Alumni Achievement Award from the College of Education. During her campus visit, she spoke to students visiting from the Iowa Department of the Blind Rehabilitation Center. They listened intently, and for good reason. As commissioner of the Rehabilitation Service Administration, appointed in October 2001 by President George Bush, Wilson administers the country's 80 rehabilitation centers. A graduate of Iowa's rehabilitation center, Wilson uses it as a model for the whole country. "You have one of the best programs in the country," she told the center's students. "Take advantage of it. It can change your life."

Joanne Wilson ('69) is an educator, parent, and commissioner of the U.S. Rehabilitation Service Administration.

Her own life was transformed by the philosophy that is the cornerstone of Iowa's center: Blindness isn't a positive or a negative, it just is. "Whoever controls the circumference of your mind controls the circumference of your being," she told the students. "Don't let society control your mind or your being by saying, 'You can't do it.' Because you can."

When Wilson landed a job in 1969 as a second grade teacher at Crawford Elementary School in Ames – the first blind teacher of sighted students in the state – she began the year with a frank conversation with the students' parents. "I told them that if good teaching were correlated with eyesight, everyone with 20/20 vision would be excellent teachers. And we know that's not the case."

One of her former students, Maria Osborn, now a teacher herself, says she remembers Wilson's funny, expressive voice and her passionate teaching. "Her blindness is not what I remember. It's not the first thing I think of. She was so full of life – one of my favorite teachers. She was the first blind person I knew, and her strength and independence had an effect on me. I never assume blind people are helpless."

Wilson's teaching techniques as a blind teacher were only slightly different than sighted teachers, she said. "I read to them by showing pictures and using books on tape. And on the playground, I didn't hang back in little clusters talking with the other teachers. I circulated. Kids will tell you the stuff you need to know. Loudly."

As parents of five children, Wilson and her husband, who is also blind, were confident that their own kids would tell them what they needed to know, sometimes inadvertently. "I'd yell at them, 'Hey! Get out of the pantry!' They'd want to know how I knew they were sneaking snacks. I could hear the door squeaking, of course."

Wilson's eyesight began failing at age 5, and she was legally blind by the time she was 16. She remembers the discomfort she felt, even as a child, at the pity she heard in her parent's voice. As a teen, her experiences trying to pass as a sighted person, both at high school and at community college, left both her mind and spirit unfulfilled.

By the time she came to Iowa State, Wilson had learned new skills and attitudes from the rehabilitation center. "I was a new person. And I found Iowa State a warm, accepting place to be. I traveled with my cane, and students were friendly and helpful." But when it came time to student teach, she was told that she should probably forget it, because there would be no school that would take her. She enlisted the support and connections of the State Commission for the Blind, and completed her student teaching at Urbandale.

One of the ways Wilson educates is to be straightforward about language. "Why do you suppose people insist on saying, 'Joanne, the woman who is differently-abled,' but they don't hesitate to say 'Millionaire Bill Gates," or 'Miss America, the beauty.' Because it's OK to use labels for attributes we perceive as good, but it's not OK to label what we think is bad. People perceive blindness as bad and they're trying to 'soften the blow' through language."

Both blind and sighted people can learn wisdom from the butterfly, Wilson said. "As a butterfly is struggling to emerge from a cocoon, you will see a small crack appear. If you pull at the crack, in an attempt to help the butterfly, it will come into the world with its wings folded. And because it has been denied the necessary and solitary struggle of breaking from the cocoon by itself, it will be crippled for life, forever unable to unfold its wings and fly.

"It's OK to be blind. It's respectable to be blind. I am proud of who I am." □

Connecting

ALUMNI, STUDENTS, & FRIENDS TO IOWA STATE UNIVERSITY

MISSION

To engage the talents and resources of alumni, students, and friends in the life, work, and aspiration of Iowa State University

VISION

To become the lifetime partner in engaging all alumni, students, and friends with Iowa State University

OVERARCHING GOALS

Strengthen membership

Engage constituents

Develop strategic alliances

Enhance the health of the organization

ISU PRESIDENT GREGORY GEOFFROY

MAKING THE CONNECTION

THIS HAS BEEN A VERY special year for me. My wife Kathy finally joined me full time in Ames after our youngest son graduated from high school in Maryland, and Kathy and I have been touched by the warmth and loyalty of Iowa State University alumni, students, and friends. Alumni throughout the country have opened their homes to us when we have visited their communities, and everyone in the university community has shown us a great deal of support. For this, I say thank you.

As president, I enjoy meeting with Iowa State alumni during my travels and at events here on campus. One of the highlights of the past year was being involved in the Alumni Association's Alumni Days celebration. You can't imagine the joy I felt when I placed the 50-year medallions around the necks of each returning member of the golden anniversary class! It is a wonderful experience because it is so special for the recipients.

I'd like to take the opportunity in this 2001-2002 Alumni Association Annual Report to salute the work of the Alumni Association Board of Directors, the Association staff, the Student Alumni Leadership Council, and all the volunteers who work so hard to make Iowa State University a very special place. I encourage all of you to stay involved in the Alumni Association and to encourage other ISU graduates who are not members to join. I am honored to be your president, and Kathy and I are thrilled to be a part of the Cyclone family and members of the Association.

GREGORY L. GEOFFROY
President, Iowa State University

CONNECTING THROUGH CLUBS

ANN BRINKMAN

ANN BRINKMAN IS A CYCLONE through and through. But when she moved to Chicago in 1996, she found herself smack in the middle of Big 10 Country. Not only that, she had just two friends in a city filled with millions of people.

It wasn't long before she found the ISU Club of Chicago – and hundreds of friendly cardinal-and-gold faces.

"The alumni club was not only a way for me to get acclimated to the city and meet more people, but it was a way for me to get reconnected to the university and have the chance to express my pride and loyalty to Iowa State," Brinkman said.

Now a veteran Chicago resident and president of the local ISU Club, Brinkman helps other Iowa Staters connect with each other in the Windy City. She and her club board post resources on the club's Web site to help newcomers in the area find public transportation, dining, shopping, entertainment, and housing. They host basketball gamewatch parties, a scholarship program, summer picnics, and an annual Big 12 boat cruise.

"I think for some people, the alumni club is a cure for homesickness," Brinkman said. "It can be a trigger to great memories from their days on campus, and it can be a way to reconnect to the university and to find new friends."

Brinkman says the club structure is valuable to alumni in a variety of ways. People use the club to network with others, to have fun, to volunteer in the community, and to sharpen their leadership skills.

"The Chicago Club has provided Iowa State alumni a mechanism in which to show their pride and loyalty," Brinkman said. "There aren't many other university alumni across this country that are more loyal and true than Cyclones."

ANN BRINKMAN
1994, Advertising
Chicago, Illinois

A LIFETIME CONNECTION

Scott Olson

Scott Olson believes in staying connected and committed to Iowa State University – not just for awhile, but for a lifetime. Olson is a staunch supporter of the ISU Alumni Association's life membership program, which allows you to join the Association and receive membership benefits for a lifetime.

"Once you get away from the university, it's hard to keep in touch," Olson said. "Most alumni have an interest in what's going on with the university but don't have the opportunity to come back on a regular basis. The benefit of becoming a life member is that the connections and benefits you receive are so valuable and the price so reasonable. It's a great way over many years to have a direct connection and invest in the future of the Alumni Association."

A few years ago, when Olson was a member of the ISU Alumni Association Board of Directors, he instituted a personal gifting program of life membership to "send a signal of the importance of Alumni Association membership" to key individuals in the university community.

"I try to recognize people who have had an impact on the university," Olson said. "Last year, I gave gifts of life membership to [ISU Wrestling Coach] Bobby Douglas and [undefeated wrestler] Cael Sanderson. These are people who have played an important, visible part in the university."

Scott Olson
1969, Architecture
Cedar Rapids, Iowa

Olson said young graduates may not place a high priority on maintaining a lifetime connection with Iowa State. They have careers to launch and student loans to pay off. "But later in life, as you get further along in your career, life membership [in the Alumni Association] is a great investment, and it's a continuous tie for the rest of your life."

ISU ALUMNI ASSOCIATION PRESIDENT JEFFERY JOHNSON

Keeping you connected

As I reflect on the past year, it becomes clearer than ever to me that the strength of Iowa State and of this organization is the people: People who are members of the Family of the Year Society, a group of people who return to campus each year to reunite with one another and with the university they so dearly love. People who belong to The Circle, a group of former chief leaders of the ISU Alumni Association who have rededicated themselves to helping the organization achieve its aspirations. And people like you, our 44,000 members – students, alumni, and friends – who continue to make Iowa State a priority in your busy lives.

A joyful part of my job as president of the Alumni Association is watching relationships grow and flourish. Students connect to one another during their days on campus and continue to stay connected after they graduate. Iowa State has worked hard to develop small communities within the larger university – in academic majors, residence halls, learning communities, band, athletics, and many other student organizations. The relationships that are formed are real and lasting. The fact that the Alumni Association gets to play a small part in helping these groups stay connected is truly a thrill for the board, staff, and me.

Nurturing the relationships of Iowa Staters with each other and with the university will continue to be a part of the Association's mission in the coming year as we work tirelessly to involve, value, and honor the great people of Iowa State. My immediate goals for the organization are to grow our membership, to prepare for the celebration of our 125th anniversary in 2003-2004, and to continue to work on behalf of our alumni, students, and friends.

Thank you for a great year and for allowing this organization to serve you.

Jeffery W. Johnson
ISU Alumni Association president

SNAPSHOT: WHO SERVES?

Elected Members of the 2001-2002 ISU Alumni Association Board of Directors

By residence

Arizona	1
Illinois	1
Iowa	9
Kansas	2
Minnesota	5
Wisconsin	1

By college

Agriculture	2
Business	2
Design	1
Education	3
Engineering	5
Family and Consumer Sciences	4
Liberal Arts and Sciences	3

By first degree year

1940s	1
1950s	3
1960s	2
1970s	4
1980s	6
1990s	3

By gender

Male	10
Female	9

By ethnicity

Caucasian	17
African American	1
Other ethnic groups	1

On the Web
www.isualum.org/about/board/

CONNECTING THROUGH LEADERSHIP

Les Omotani

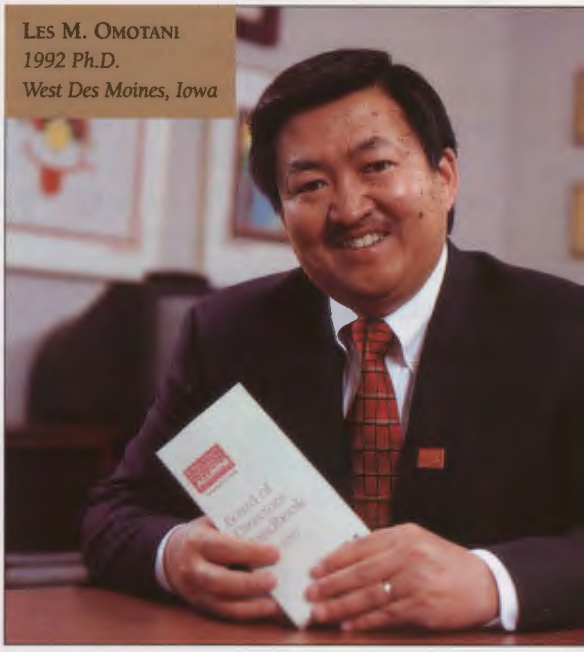
As chair of the ISU Alumni Association Board of Directors in 2001-2002, Les Omotani experienced first-hand the importance of service to the Alumni Association and the university.

Omotani's leadership on the board resulted in a strengthened strategic plan, restructured board committees, and commitment to the goals of Iowa State's new president, Gregory Geoffroy. Omotani represented ISU alumni on the search committee that helped select President Geoffroy.

Omotani credits the success of his year as chair to a strong staff and board of directors. "Board members are making a full investment in the opportunity of board service," Omotani said. "They're committing the time, and they're using their life experiences and their knowledge to the full benefit of the Association and the university."

When Omotani looks back on his years of service to the Alumni Association, he says he feels blessed and fortunate to have been able to give back to the university.

"The opportunity to serve the Alumni Association has been incredibly rewarding," Omotani said. "I've gotten much more in return than I ever have felt I've given. The quality of Iowa Staters is exceptional, and the ability to reconnect and remain engaged with Iowa State has been just a wonderful addition to my life."



Les M. Omotani
1992 Ph.D.
West Des Moines, Iowa

Omotani encourages other alumni to become involved in volunteer leadership. As superintendent of the West Des Moines Community Schools, Omotani was at first concerned about the amount of time commitment to the board of directors.

"I thought I was too busy to serve," he said. "But I think when people reflect on their time of service, it is almost a universal surprise that people receive so much more than they believe they have been able to contribute. I really do believe that the graduates of a university have a vested interested in ensuring the continued success of that institution."

2001-2002 ISU Alumni Association Board of Directors

Officers

Les M. Omotani**
PhD Prof. Stud. in Ed. '92
Chair
West Des Moines, Iowa

Martha Lagomarcino Gleason**
Elem. Ed. '80
Chair-elect
Mission Hills, Kansas

Jamie Lucas Stensland**#
Jlmc '88, MS '93
Immediate Past Chair
Waverly, Iowa

Gary O. Hoover**
Mech. Eng. '61
Vice Chair of Finance
Rio Verde, Arizona

Stanley J. Thompson**
Pol. Sci. '82
Vice Chair of Records
Des Moines, Iowa

Jeffery W. Johnson**
President, ISU Alumni Assoc.
Ames, Iowa

Warren R. Madden**
Ind. Eng. '61
Treasurer
Ames, Iowa

Directors

Karen M. Albertson**
Chem. Eng. '83
Woodbury, Minnesota

Beverlyn Lundy Allen*
PhD Soc. '95
Ames, Iowa

James E. Anderson**
Ind. Eng. '93
Lake in the Hills, Illinois

James T. (Tom) Andreesen**#
Comp. Eng. '89
Overland Park, Kansas

Bruce H. Hamilton**
Ind. Admin. '73
Janesville, Wisconsin

Ann Woodard Jennings**
Textiles & Cloth. '56
Des Moines, Iowa

Gerald F. Johnson**
Farm Op. '68
Muscatine, Iowa

Barbara Smith Kinney**
Home Ec. Ed. '58
Des Moines, Iowa

Marcia L. Klindt**
Ag. Bus. '90
Des Moines, Iowa

Darlene Larsen**
Zoology '45, MS '68
Ames, Iowa

Choy Chun Leow**
Arch. '85, MAR '88
Burnsville, Minnesota

Thomas N. Lorenz*
Phys. Ed. '72
Rochester, Minnesota

Douglas A. Pletcher*#
Ind. Eng. '83
Edina, Minnesota

Barb Stumbo Sexton**
Home Econ. '78
Rockwell City, Iowa

CONNECTING WITH STUDENTS

Jacqui Becker

Jacqui Becker never thought she could convince students to become members of SAA, ISU's Student Alumni Association. Heck, she wasn't even sure she wanted to become a member herself.

But when Becker became a member of the Student Alumni Leadership Council (the Alumni Association's 80-member student leadership organization) as a sophomore, she had no choice but to sell a minimum of 10 SAA memberships, a requirement for all SALC members.

"I thought, 'Oh, my goodness. How am I ever going to sell 10 memberships?' But once I looked at it and started to use the local business discounts, I kind of got hooked," Becker said. "It was really easy. I think I sold over 50 memberships my first year."

Becker's new enthusiasm for SAA led her to become the Student Alumni Leadership Council's vice president of SAA membership. Under her leadership, membership in SAA grew from 3,106 the previous year to 4,047 in 2001-2002. Becker credits the growth to hard work by members of SALC and to an enthusiastic student response to the benefits of membership.

"The discounts students receive as members of SAA are the easiest benefits for them to see," Becker said. "College students are always looking for ways to save money." She said the popularity of the SAA T-shirt and free barbecues in the fall and spring have also influenced students to join. For juniors and seniors, access to the online alumni directory has been a popular addition to the list of member benefits.

But for Becker, SAA goes beyond tangible rewards.

"I think it's really important for students to feel connected to the university. There are a lot of SAA members who right now want to know how they can join the Alumni Association, because they've been in the SAA program for four years and it's just natural for them to remain involved as alumni."

Jacqui Becker
ISU Senior
Cumberland, Iowa

Ned L. Skinner**
Ind. Admin. '74
Johnston, Iowa

Beverly Fischer Soshea**
Dietetics '52
Edina, Minnesota

Ex-Officio Members
Roger E. Baer
College of Design

Cathy Thompson Curtis*
Art '79, MBA '98
College of Education

David W. Gieseke*
College of Liberal Arts & Sciences

William D. Hoefle**
DVM '66, MS '74
College of Veterinary Medicine

Eric Hoiberg
College of Agriculture

Kristin Littlejohn*
College of Engineering

Dynette Mosher**
FCS '81, MEd '84
College of Family & Consumer Sciences

Brenton Saron~ #
Comm. & Reg. Plan. '02
Ex-officio, Student Alumni Leadership Council

Board Terms Beginning in July 2002
Scott Alan Braucht**
Speech Comm. '80
Verona, Wisconsin

Martha West Krone**
Fam. Environ. & Serv. '78
Sioux City, Iowa

Martin David Roepke*
An. Husb. '55, DVM '65
Oskaloosa, Iowa

Jeffrey H. Whiton**
Econ. '71
Castle Rock, Colorado

Michael Todd~
Ex-officio, Student Alumni Leadership Council

Membership key:
* Annual member
** Life member
~ Student member
# Term completed in June 2002

SNAPSHOT: WHO BELONGS?

Members of the ISU Alumni Association

July 1, 2001 – June 30, 2002

By affiliation

Alumni	78.2%
Students	11.4%
Non-alumni friends	10.4%

By location

Iowa	47%
Out of state	52%
International	1%

By gender

Male	56%
Female	44%

By ethnicity

Caucasian	14,997
African American	197
Hispanic	89
Asian	304
Other ethnic group	86
Unknown	29,377

By decade of graduation

1910s	.003%
1920s	.17%
1930s	2%
1940s	6.3%
1950s	10.1%
1960s	14%
1970s	22%
1980s	25.2%
1990s	17.8%
2000s	2.6%

By college

Agriculture	19.1%
Business	5.8%
Design	2.4%
Education	6.1%
Engineering	23.1%
FCS	14.3%
LAS	25.2%
Vet Med	3.4%
Interdisciplinary	.5%

Total Alumni Association members	44,000
Total living alumni	185,000

First-time members joining the Alumni Association in 2001-2002

Life	76
Annual	1,024
Student	1,776

Membership growth in the Student Alumni Association

1996-97	780
1997-98	2,583
1998-99	2,916
1999-00	2,860
2000-01	3,106
2001-02	4,047

ISU Alumni Association Staff

Professional Staff

Jeffery W. Johnson**
President

Diane Van Wyngarden, 1992**
Vice President / Director of Membership and Marketing #

Jan Breitman**
Director of Alumni Travel and Service Programs/Assistant to the President

Carole Gieseke*
Director of Communications

Julie Larson, MS 1984**
Director of Student and Career Programs

Stephenie Elliott Ovrom, MS 1999**
Director of Constituent Programs #

Breck Breitsprecher*
Assistant Director of Constituent Programs

Dave Critchlow, 1991**
Assistant Director of Student Programs/ Web Administrator

Karol Crosbie, 1972, MS 1984**
Assistant Director of Communications

Scott Dahl, 1990**
Assistant Director of Membership and Marketing

Ellen Dunseth, MS 2000*
Assistant Director for Student Programs

David Orth, 1987**
Assistant Director of Events

Staff Assistants

AshLea Anderson*
Communications

Cecilia Dunlay, 2000*
Student and Career Programs

Joyce Hagley*
Student Recruitment and Membership

Karen Knight*
Travel and Service Programs

Beth Lott**
Events

Cindy Marquardt**
Membership and Merchandise

Carolyn Ringgenberg**
Administration

Jo Schwarzenbach*
Reception#

Pat Thiede*
Events and Constituent Programs

Membership Key:
* Annual member
** Life member
\# Took new position outside the Alumni Association in 2002

GENERATIONS OF CONNECTION

The Petersen Family

When Justin Petersen was a high school senior trying to choose a college, his father told him just one thing: If he decided to go to school someplace other than Iowa State, it was up to him to break the news to his grandmother.

Norma Petersen, Justin's grandmother, had spent years nurturing her children's and grandchildren's loyalty to Iowa State. A 1946 graduate, Norma grew up in an Iowa State household – her parents, James and Mary Shivvers Holland, were 1918 graduates. Norma's sister and brother were ISU grads, and her daughter, Linda Petersen O'Dell, graduated from Iowa State in 1979.

So the pressure was on for Justin to make the right decision. Norma remembers talking to Justin about his college choice. "I said, 'Well, I would love to have you go to Iowa State, but I'll still love you if you go to school someplace else.'"

Justin chose Iowa State. A Hixson Opportunity Scholar, Justin is currently a freshman majoring in agricultural studies.

Norma's influence on her grandchildren has extended beyond simple encouragement. She has actively traveled with several of her grandchildren to campus for Legacy Migration, the culmination of the Legacy Program jointly sponsored by the ISU Alumni Association and the Office of Admissions. The program encourages loyalty among children of alumni by connecting with them at birth and continuing through high school. Legacies are invited to Legacy Migration in the fall of their freshman and sophomore years of high school to spend a day on campus and experience first-hand what it's like to be an Iowa State student.

William O'Dell – Linda's son and Norma's grandson – attended Legacy Migration last fall. He hopes to attend Iowa State as a computer and mechanical engineering major. Grandma Norma couldn't be prouder.

"We've been Iowa Staters for a lot of years."

Justin Petersen
ISU Freshman, Agricultural Studies

Norma Petersen
1946, Home Economics Education

William O'Dell
Knoxville High School Freshman

Linda O'Dell
1979, Textiles and Clothing
All of Knoxville, Iowa

CONNECTING THROUGH MEMBERSHIP AND SERVICES

Membership

- Served 44,000 Iowa State alumni, students, and friends as members of the ISU Alumni Association, up from 43,000 one year ago.
- Generated 1,882 members through direct mail, 885 members through the annual callathon, and 437 members online.
- Added 459 life members.

Outreach and events

Homecoming 2001

- Entertained 700 alumni and friends at the fall 2001 Homecoming Tailgate.
- Coordinated Family of the Year Society gathering for 80 alumni family members and inducted 22 individuals into the Society, fall 2001.
- Organized football pregame parties in Athens, Ohio, and College Station, Texas, with more than 285 Cyclone fans attending collectively.
- Hosted more than 2,000 Cyclone fans at a spirit rally and pregame event for the Independence Bowl in Shreveport, La., December 2001.
- Distributed 38,000 Cyclone Basketball Gamewatch Guides in VISIONS magazine, fall 2001.
- Hosted seven alumni receptions throughout the state of Iowa in cooperation with ISU President Gregory Geoffroy's visits to those Iowa communities.
- Sponsored basketball pre- and post-game parties in Boulder, Colo., and Lincoln, Neb.
- Co-sponsored the third consecutive Women's Letterwinner events with the ISU Department of Athletics.
- Hosted 2,340 Cyclone fans at Big 12 and NCAA basketball spirit rallies, March 2002.
- Coordinated Iowa State Week in Arizona in February 2002, reaching approximately 150 ISU alumni and friends.
- Welcomed 340 alumni and their guests to Iowa State during Alumni Days 2002.
- Surveyed more than 22,500 alumni for market research on ISU alumni clubs.
- Organized the third annual meeting of The Circle, a group of former volunteer board presidents and former executive directors.

Alumni Days 2002

- Co-sponsored the annual Chamber of Commerce Business After Hours event at Reiman Gardens for more than 600 members of the ISU and Ames business communities.

Communications

- Communicated quarterly with 44,000 members of the Alumni Association through VISIONS magazine.
- Sent *ISU News Flash*, an e-mail newsletter for members of the Alumni Association, to 17,356 readers every other week, up from 10,500 in 2000-01. More than 2,000 readers responded to an online survey, giving the newsletter extremely high marks.
- Received 2,955 responses to online polls. The question, "What is a land-grant university?" received the highest participation of the year, with more than 950 readers responding.
- Mailed approximately 38,000 ISU Events Calendars to Association member households.

Services and benefits

- Published *Traditions of Iowa State* booklet and distributed more than 5,000 copies to new students, faculty, staff, alumni, and friends.
- Added "early bird" online purchasing for football and basketball tickets as a new benefit of Association membership, generating more than 2,800 online ticket sales.
- Hosted 23 alumni tours, with 340 alumni travelers.
- Served 4,052 families with children in the Legacy Program.

Student programs

- Engaged nearly 4,100 students as members of the Student Alumni Association, up from 3,100 in 2000-01.

Chili Cookoff 2002

- Sponsored the second-annual Chili Cookoff in February 2002, with 15 teams preparing chili for more than 550 attendees.
- Sponsored the first Senior Class Council "Senior Leadership Recognition Award," honoring 11 top graduating senior leaders.
- Hosted 342 families during Family Weekend 2001.
- Raised $14,000 and contributed 1,100 volunteer hours to Habitat for Humanity during Homecoming 2001.
- Hosted an international graduation reception for 150 attendees and sponsored a graduation breakfast for 205 graduates and their families.
- Awarded one $1,000 Going Places! study-abroad scholarship.

University support

- Introduced President Gregory L. Geoffroy to more than 650 ISU alumni and friends at receptions throughout the state of Iowa.
- Supported the university-wide theme, "Challenging Students to Become Their Best," through a week-long series of student events during spring semester 2002.
- Honored 54 ISU faculty, staff, and alumni in the fall 2001 Honors and Awards Ceremony, six students at the spring 2002 Student Scholars and Leaders Recognition Ceremony, and five Impact awardees at the spring Cardinal & Gold Dinner and Recognition.

Impact award winners 2002

Leadership and engagement

- Received 788 votes by paper ballot and 401 online votes from Alumni Association members for the 2002 Board of Directors election.
- Received 6,008 incoming calls on the Alumni Association's toll-free phone line.
- Logged 62,577 visitors to the Alumni Association Web site, for a total of 634,678 page views.

Honors

- Received eight awards from the Council for the Advancement and Support of Education (CASE) District VI for excellence in communications, events, marketing, and programs.

Statements of Activities and Changes in Unrestricted Net Assets

Years ended June 30, 2002 and 2001

Revenues	2002	2001
Contributions:		
Annual dues	$ 563,862	$ 577,801
Life dues	292,537	313,797
Student dues	67,178	46,555
University support	189,929	174,978
Foundation support	100,000	100,000
Gift support	19,319	122,542
Total contributions	1,232,825	1,335,673
Other income:		
Interest and dividend income	222,629	188,741
Net unrealized losses on investments	(433,743)	(581,001)
Sales and royalties	742,594	905,031
Activity and event fees	127,979	110,245
Miscellaneous income	5,345	51,392
Total other income	664,804	674,408
Total revenues	$1,897,629	$2,010,081
Expenses		
Membership and income development	$ 518,037	$ 511,267
Alumni events	224,443	232,018
Alumni services	71,572	84,563
Constituent relations	236,430	219,891
Publications	398,125	738,192
Student programs	201,190	154,177
Career programs	51,788	55,265
Administration	704,922	608,978
Fundraising	-	18,183
Total expenses	$2,406,507	$2,622,534
Decrease in unrestricted net assets	(508,878)	(612,453)
Unrestricted net assets at beginning of year	2,352,940	2,965,393
Unrestricted net assets at end of year	$1,844,062	$2,352,940

Statements of Financial Position

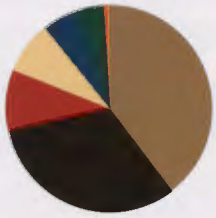
June 30, 2002 and 2001

Assets	2002	2001
Cash and cash equivalents	$18,177	$ 4,023
Receivables:		
Accrued investment earnings	54,864	56,068
Other	11,306	-
Prepaid expenses	30,195	25,154
Investments managed by Iowa State University Foundation:		
Long-term Endowment Pool	3,412,298	3,926,348
Short-term Building Pool	1,196,167	1,779,519
Total Investments	4,608,465	5,705,867
Office furniture and equipment	227,665	214,856
Less accumulated depreciation	184,288	162,031
Net office furniture and equipment	43,377	52,825
Other assets	23,343	-
Cash value of life insurance	4,924	4,924
Total assets	$4,794,650	$ 5,848,861
Liabilities and Net Assets		
Accounts payable and accrued liabilities	$115,524	$ 163,330
Deferred revenue	2,835,064	3,332,591
Total liabilities	2,950,588	3,495,921
Unrestricted net assets	1,844,062	2,352,940
Total liabilities and net assets	$4,794,650	$ 5,848,861

Cost Centers

- Administration – $704,922
- Membership and income development – $518,037
- Publications – $398,125
- Constituent relations – $236,430
- Alumni events – $224,443
- Student programs – $201,190
- Alumni services – $71,572
- Career programs – $51,788

Revenue Streams



- Membership income – $923,577
- Sales and royalties – $742,594
- Interest and dividend income – $222,629
- University support – $189,929
- Activity and event fees – $127,979
- Foundation support – $100,000
- Gift support – $19,319
- Miscellaneous income – $5,345

How to connect with us:

By phone Toll-free 1-877-ISU-ALUM
Locally 294-6525

By mail Alumni Suite, Memorial Union
2229 Lincoln Way
Ames, IA 50014

By fax 515-294-9402

By e-mail alumni@iastate.edu

On the Web www.isualum.org

The 2001-2002 ISU Alumni Association Annual Report was prepared by the Alumni Association communications staff: Carole Gieseke, editor; Jim Heemstra, photographer; Mauck+Associates, design; Jeffery W. Johnson, publisher.

Connecting for a Lifetime

The ISU Alumni Association welcomes the following individuals who became life members of the Association in 2002.

Katharine Abraham, '76 econ.
Michael Achenbaugh, '92 comm. & reg. plan.
Larry D. Adkins, '85 fin.
Kelly Agnew, '87 mkt.
Sara and Robert, '50 psych., Ahlvin
Aaron Anderson, '94 mgmt.
Bruce W. Anderson, '89 fin.
Kristin Andrews, '91 fin.
Brice AntonJensen, '99 elec. engr.
Barbara, '91 acct., and Michael Archer, '89 trans. & log.
Christopher Arlen, '99 elec. engr.
Cheryl Arney, '78 elem. ed.
Julie Bantz, '94 acct.
Jim Barz, '87 ag. bus.
Emily Baty, '99 acct.
Elizabeth C. Beck, '74 hist., '77 MA
Cheri Benjegerdes Aldrich, '02 DVM, and Lance Aldrich, '94 civil engr.
Patricia Beardsley, '56 home ec.
Madonna, '74 text. & cloth., and Gregory Bell, '75 jlmc
Jennifer Bengs, '93 mgmt.
Karl Benjegerdes, '90 civil engr.
Elman A. Bergum, '52 aero. engr.
Chad S. Berry, '98 ag. syst. tech.
M. Marie Bettinger, '60 house. equip.
Dorothy Betts, '47 inst. mgmt.
Mindy, '91 fin., and Todd Beukelman, '91 mkt.
Shannon L. Bever, '98 civil engr.
Vicki, '80 leisure serv., and Benjamin Biller, '81 civil engr., '82 MS
Travis Backlund, '99 mech. engr.
Kristin, '88 hotel & rest. mgmt., and Eric Boeck, '93 an. sci. & dairy sci.
Kimberly Heman-Boes, '97 hotel & rest. mgmt.
Kimberly Bowen, '93 home ec. ed.
Timothy Bower, '84 mech. engr.
Sarah Boyd, '99 int. des.
Richard Brannan, '72 ind. engr.
Rachelle L. Breen, '87 acct.
Elizabeth, '98 food sci., and David Brennan
Corey Brink, '02 ag. stud. & farm op.
Donald P. Brown, '76 chem. engr.
Eric Brown, '01 mkt.
Dean Bunting, '89 jlmc
Karla S. and Joseph G., '89 elect. engr., Burgart
Stephanie Burke, '02 comm. health ed.
Jason A. Burkhiser, '97 ag. bus.
Martin Burlage, '94 ag. stud. & farm. op.
Allison, '99 ind. engr., and Benjamin Burnett, '99 comp. sci.
Julie Busby, '97 speech & comm./soc.
Dolores and Guy, '53 entom. & zool., Bush
Christopher L. Cain, '86 ag. mech.
Marsha, '72 elem. ed., and Kenneth Caratelli, '72, '73 ind. admin.
Maureen, '96 hotel & rest. mgmt., and Ryan Carey, '96 fin. & acct.
Constance Chase, '62 home ec. journ.
Aaron Clark, '93 mech. engr.
Todd R. Coberley, '99 mkt.
Valerie Connell
Thomas Connor, '92 ind. engr.
Ann, '81 ind. admin., and Jamie Constantine, '81 ind. admin.
Marcia, '68 Eng. & speech, and John R. Cook III, '67 land. arch.
Nicole, '96 comm. health ed., and Thomas Cooney, '94 an. sci.
Steven Copenhaver, '89 an. sci.
Christopher W. Cooper, '84 pol. sci.
Daniel C. Costello, '96 mech. engr.
Amy and Steven, '86 mkt., Cox
Matthew Craft. '00 pol. sci.
C. Richard Crowther, '47 forestry, '56 MS
Carolyn, '90 fish & wild. bio., and Vance Cunningham, '90 ag. bus.
Chris Cunningham, '79 ag. bus.
Catherine T. Curtis, '79 art ed., '98 MBA
Janice Dahl, '58 applied art
Sharon, '57 home ec., and Sterling Dahl, '54 farm op.
Judd D. Davidson, '91 const. engr.
Stacey Davis, '83 phys. ed.
Amy, '00 comm. stud., and Corey DePenning, '98 prod. op. mgmt./trans. & log.
Troy, '96 ag. syst. tech., and Michelle Deutmeyer, '96 ex. & sport sci.
Diana, '85 bio., and Jon DiCesare
Jayne, '79 home ec., and Paul Dierickx, '79 ag. bus.
Bobby Douglas
Jeremy Downing, '95 hist.
David Drew, '62 ind. engr.
Ryan Drum, '61 chem. tech., '64 PhD
Curtis W. Dunlap, '87 comp. sci.
Francis R. Dunnick, '97 pol. sci.
Susan Durham, '91 PhD an. sci.
Wendy, '97 mkt., and Tony Durant, '97 mech. engr.
Erica Dzurinko, '97 an. sci.
Jeffrey A. Echtencamp, '94 comp. engr.
Josh Eddy, '99 chem. engr.
James E. Edwards III, '79 civil engr.
Timothy Ellis, '93 PhD mat. sci. & engr.
Troy A. Erwin, '97 comm. & reg. plan.
Teresa Gansemer, '99 ind. tech.
Rosalind, '92 math, and Cornelius Gathers
Brenton Geater, '92 ag. bus.
Jennifer A. Gelbmann, '96 Eng.
Barbara, '73 elem. ed., and Ray Getting, '74 comp. sci.
Matthew Getting, '02 psych.
Rochelle, '83 home ec., and Cary Gilman, '85 an. sci.
Steven Goodlow, '88 comm. & reg. plan.
Jack D. Gochenour, '79 an. sci., '83 DVM
Gary H. Gottschalk, '69 MS comp. sci.
James E. Grady, '96 MS ag. & ed. stud.

New life members receive a life member decal for their vehicle and a life member certificate suitable for framing. And because a lifetime commitment is an important pledge to your Alumni Association, new life members also receive a gift upon completion of their membership payment: a beautiful watercolor lithograph of the Iowa State Campanile by Bradd Brown ('86 arch.). To become a life member, or to convert your membership from annual to life, call toll-free 1-877-ISU-ALUM (or 294-2648 locally).

Robert Evans, '81 farm op.
Walter Evans, '51 PhD elec. engr.
Darci, '85 art ed., and David Farnum, '89 DVM
Robert Fields, '64 chem. engr.
Anthony Fischer, '00 chem. tech.
James A. Fitzgerald, '94 pol. sci.
Michael Follmann, '96 ag. syst. tech.
Keith Forrester, '84 speech & comm.
Jill Foss, '99 MIS
Kathryn Fowler, '97 chem. tech.
Julie Friend, '92 chem. engr./French
Janet, '85 comp. sci., and Stephen Fry, '85 comp. sci.
C. Daniel Fulwider, '97 pol. sci.
Jill and Andrew P. Granner, '87 const. engr.
Christine Green, '74 phys. ed.
Gwenda and Wilhelm, '59 civil engr., Groskurth
Douglas Groth, '93 an. sci., '97 DVM
Mary Gunderson, '77 home ec. journ.
Bruce Gustafson, '77 ind. admin.
Jane Gustafson, '57 ind. mgmt.
John Hager, '86 land. arch.
Tim Hamlett, '57 farm op.
Charlene, '75 text. & cloth., and Isaiah Harris, '74 ind. admin./acct.
Paula and Patrick, '56 engr., Hart
Michael W. Hass, '97 const. engr.
Jay Herring, '88 elec. engr.
Larry Hayes, '62 phys. ed., '71 MS
Laurie Hazelwood, '83, '84 dist. stud.
Peggy M. Heaver, '75 dietetics
Jessica Kearney Heidgerken, '99 jlmc/mgmt., and Daren Heidgerken, '99 aero. engr.
Brian Heintz, '91 dist. stud.
Laura, '98 graphic des., and Marty Helle, '96 jlmc
Melvin Helphrey, '74 DVM
Connie and Marion, '75 music, Hendrickson
Georgine, '48 text. & cloth., and Robert Hennings, '50 forestry
Tara, '95 genetics, and Ryan Henrichsen, '95 bio.
Robert Herum, '77 pol. sci.
Warren Herrmann, '50 DVM
Tara, '99 const. engr., and Stephen Heyne, '99 const. engr.
Donna, '73 Eng., and Michael Higdon, '71 ind. ed.
Mark Hines
Stanton Hinkly, '88 psych.
Rosemary Hiple
Chris Hoffman, '96 fin.
Raymond E. Hoffmann, '55 ind. ed.
Joseph F. Hohn, '02 aero. engr.
Gary Hokel, '64 elec. engr.
Ronald W. Holden, '67 agron.
Roberta, '74 bus. admin., and Leroy Holmes, '75 DVM
Bryce P. Hopkins, '97 chem. engr.
Terry Hoye, '72 ag. bus.
Cynthia Zayes-Hoyos, '88 Spanish & French, and Jesus M. Hoyos, '89 mgmt.
Bradley Hoyt, '97 speech & comm.
Katherine Eldridge-Hutton, '97 hort.
Dennis Hyland, '82 trans. & log.
Rachel, '96 hort., and Michael Hymbaugh
Nicholas Irlmeier, '01 ag. bus./acct.
Elizabeth Iversen, '82 dist. stud.
Maradith, '97 mkt., and Jonathan Janssen, '93 an. sci.
Winnifred, '41 home ec. journ., and Stuart Jardine
Kirk E. Jeffries, '81 ag. bus.
Ryan Jenner, '99 ind. engr.
Bonita, '88 mkt., and Thomas Jessee
Robin L. Johnson, '87 social work
Sheryl, '85 art & des., and David Johnson
Judson Jones, '00 mech. engr.
Tracy, '96 comm. & reg. plan., and Lucas Jones, '99 trans. & log.
Christopher Juhl, '97 comm. & reg. plan., '01 MSEd

CONNECTING FOR A LIFETIME/CONTINUED

Ashley, '97 ag. bus., and Amy Kading, '98 psych.
Emma L. Karlovitz, '97 chem. engr.
Jennifer, '95 dietetics, and Christopher Kaufman, '95 soc.
Ray Keith, '92 ag. stud./farm op.
Marjorie Keller, '52 inst. mgmt.
DeAnna and Steven, '95 ag. stud./farm op., Kelly
Paul Kemp, '65 chem.
Bettie and Rickie, '70 an. sci., Kennedy
Matt Kennedy, '02 mech. engr.
Charles R. Kidder, '69 ind. engr.
Jennifer S. King, '78 fam. environ.
Laura Kinman, '02 mkt.
Renee, '86 dist. stud., and Bruce Kirk
Dean Knudson, '86 DVM
Karla, '90 ag. bus., and Theodore Koehler, '91 dairy sci./an. sci.
David A. Koester, '87 ceram. engr.
Lois Korslund, '52 home ec. ed.
Barbara Kovol, '58 home ec. ed.
Jeremy Krantz, '99 ag. engr.
Kevin Krogmeier, '75 MS ind. rel.
Michelle L., '93 elem. ed., and Eric J. Krogulski, '92 fin.
Daniel H. Kruger, '92 areo. engr./engr. mech.
Michael Krull, '00 MA pol. sci.
Lynn Kruse
Tanya Kruse, '95 fash. merch.
Karen M. Labarre, '77 an. sci.
Donald Lange, '83 leisure stud.
Chad Lassen, '99 acct.
Shaw-Ping Lee, '99 comp. engr.
Carol, '84 hort., and Ronald Anderson-Lehman, '85 comp. sci.
Elizabeth Leonard, '97 pub. serv./ag. admin.
Edie Sanders and Robert Lewis, '54 arch.
Jeanna L. Lilleberg, '93 text. & cloth.
Janice Linn, '55 inst. mgmt.
Susan and James, '77 elect. engr., Linsley
Marianne, '88 mkt., and Patrick Liston
Larry L. Lloyd, '71 elec. engr.
LeeAnn, '86 gen. bus., and John M. Longhini, '86 aero. engr.
Shi-Jer Lou, '97 PhD ind. ed. & tech.
Nancy L. Lowenberg, '81 ag. bus.
Jeannine and Donald, '56 elec. engr., Luiken
Patricia Luiken, '60 home ec. ed.
Jeremy Lux, '96 const. engr.
Michael McBreen, '88 chem. engr.
John McClannahan, '78 civil engr.
Kevin McConnell, '01 land. arch.
Nancy McGuire, '89 fin.
Kimberly A. McMillen, '99 jlmc
Colin McNiece, '96 comm. & reg. plan., '98 MCP
Janet, '91 elem. ed., and Brian Mack, '91 comp. sci.
Charles Madden, '53 dairy ind.
Michelle and Kevin, '98 mkt., Manz
Gail Marquardt, '83 fam. res. mgmt., '89 elem. ed.
Sally W. Mather, '85 hous. & near environ.
Lisa, '96 hotel, rest. & inst. mgmt., and Jay Matre, '97 comp. engr.
Louise M. Mauldin, '89 fish wild. bio., '99 MS
Brian May, '93 Eng.
Constanse and Dale, '92 DVM, Mechler
Jeanne, '88 int. des., and Thomas Mercer, '88 geology
Barbara Meyer-Archer, '91 acct.
Carla and Leroy, '62 dairy sci., Meyer
Matthew Meyer, '01 MIS
Bruce Miller, '86 ag. bus., '87 acct.
Deborah and James, '79 ag. bus., Miller
Haley, '97 chem. engr., and Christopher Miller, '97 jlmc
Kathryn, '59 home ec., and John Miller
Michael W. Miller, '84 ind. engr.
Melanie McCulley, '88 MSEd, and Corey Miller, '86 speech & comm., '91 MSEd
Curtis Miller, '01 comm. stud.
Sonja Milstead, '81 elem. ed.
Chad S. Mitchell, '98 mkt.
Jay Mitchell, '60 arch.
Robin, '81 ind. ad., and Jon Mixdorf
Ryan D. Mueller, '98 elec. engr.
Lisa, '82 fam. environ. cons. serv., and Eugene Mohling, '81 ag. ed., '82 MS
Kevin Moore
Meighan K. Moore, '99 ex. & sport sci.
Paul Moorehead, '85 aero. engr.
Amy, '96 trans. & log., and Craig Mueggenberg, '95 comp. engr., '01 MS
Patrick E. Mullin, '68 civil engr.
Harold Mullison, '56 phys. ed.
Shelli, '84 acct., and Erik Munn, '81 ind. admin.
Theres Stromberg-Murphy, '99 civil engr.
Carver Nebbe, '93 bio. & environ. stud.
Charles Nemec II, '92 occ. safety
Jane, '78 dietetics, and Keith Newhouse, '76 boteny, '80 MS, '84 PhD
Sabrina Niemann, '02 mech. engr.
Nicole Nigg, '96 ex. & sport sci.
Betsy Nims, '44 app. art
Michael O'Hare, '88 econ.
Connie and Bradley, '87 ag. bus., Oelmann
Sara, '02 lib. stud., and Dale Oldenkamp, '90 an. sci.
Joanne and John F. Olsen, '73 ind. engr.
Sue and Gary, '66 DVM, '68 MS, '73 PhD, Osweiler
Lisa and Michael, '90 mkt., Otto
Patricia, '90 elem. ed., and Brian Oxley, '90 acct.
Jennifer Paisley, '96 civil engr.
Douglas Palis, '84 arch.
Brett Parpart, '96 soc.
Jason Pauling, '94 fin.
Melissa, '02 MIS, and Joel Perkins, '97 acct.
Dennis Peterson, '63 ag.
Beth Petti, '88 MIS
Ethel Pippert, '47 inst. mgmt.
Sandra, '61 home ec. ed., and Darold Plate, '60 ag. bus.
Allison Plum, '97 mkt./MIS
Marcia, '88 environ. stud./chem. tech., and Kevin Powell, '90 an. sci.
Lois Powers, '41 home ec. journ.
Linda and John Ptacek, '62 hort.
Shellane M. Quinn, '97 pol. sci.
Brenda, '83 fin., and Scott Ramsay, '83 acct.
Amanda, '98 child & fam. serv., and Aaron Rasmussen, '97 elec. engr.
Jill Rasmussen, '96 fin./mkt.
Dwen S. Raun, '81 const. engr.
Pamela Reynolds, '88 psych.
Lynnette D. Buttler, '92 const. engr., and Ernest E. Rickabaugh, '93 trans. & log.
Michael P. Ricklefs, '99 mech. engr.
Kari Ritland, '95 MIS
Ann Roepke, '89 hotel & rest. mgmt.
Troy Rubel, '97 trans. & log.
Mark Rudge, '95 bio.
Carol, '75 comp. sci., and Norman Russell, '74 ag. engr.
John Ruzicka, '98 comm. & reg. plan.
Darryl V. Samuels, '88 pol. sci., '90 MCP/MPA
Cael Sanderson, '01 art & des.
Jack Sawyer, '52 math
Jennifer and Jon, '93 ag. ed./an. sci., Schaben
Megan Scherb, '91 chem. engr., '92 MEN
Stephani Scherbart, '89 music
Michael Schindelar
Maggie Kolbe, '97 Eng., and Charles Schleusner, '97 ag. engr.
Brenda, '80 int. des., and Norman Schmitt, '80 farm op.
Greg Schmitt, '90 fish & wild.
David Schneider, '94 land. arch.
Shawn Schuldt, '94 fin./MIS
John Schultz, '60 farm op.
Janel Scott, '99 stat.
Mark E. Settle, '75 pub. serv. & admin. in ag., '79 MS
Masao Shimoji, '79 elec. engr., '82 MS, '85 PhD
Douglas Shultice, '90 mgmt.,
Kelly Sievers, '97 early child. ed.
Lesley Simmering, '99 civil engr.
Thomas J. Simmering, '75 MS reg. plan.
Marian, '59 text. & cloth., and Charles Smith, '59 mech. engr.
Sandi and Robert, '75 arch., '79 MAR, Smith
Walter W. Smith, '69 ind. admin.
Rebecca and Frank Smolik, '90 trans. & log.
Marcy O'Brien, '92 Eng., and Marcus Smoot, '93 land. arch.
Elizabeth J. Gilman, '87 speech & comm., and Thomas L. Smull, '85 Eng.
Diane Solberg, '87 fash. merch.
Michael Stark, '59 hort.
Jeanne Steffen, '52 home ec. ed.
Ursula and John, '60 ind. admin., Steil
Thomas Stephens, '78 PhD immunobio.
Paul E. Sterbenz, '60 aero. engr.
Joanne, '68 child dev., and Ned Stockdale, '68 govt.
Brook, '95 ag. stud. & farm op., and Charlie Stokes
Alan Strohbehn, '90 land. arch.
Andrew Strohm, '01 mech. engr.
Valerie, '84 graphic des., and Michael Studer, '84 ind. engr.
Marilyn Sturms, '55 home ec. ed.
Laurie A. Susie, '96 MSEd
Gerry W. Swan, '76 farm op.
Heather Swanson, '02 psych.
Todd Q. Swanson, '98 acct./fin.
Karen and David, '85 mgmt., Symons
Beth A. Taylor, '99 MBA
Jana, '95 Eng./soc., and Robert Taylor, '98 trans. & log./mkt.
Maurine, '78 dietetics, and Jon Thieszen, '78
Leesanne, '60 appl. art, and Charles Thomas, '58 DVM
Neal A. Thomson, '96 mech. engr., '98 MS
Tamara, '92 hotel & rest. mgmt., and Eric Thorn
Paula M. Thuerman, '90 fin.
Mark Tierney, '73 farm op.
Sue, '53 math., and John Tiffany, '50 agron.
Nancy L. Tischer, '95 acct.
Hiedi M. Touney, '98 pol. sci.
Christine, '95 art ed., and Adam Tromblay, '96 ag. stud. & farm op.
Debra and George A Tsakiridis, '98 elec. engr.
Paul Tungesvick, '61 elec. engr.
Nicole M. Turner, '01 acct.
Marc, '89 bio., and Erica Rowe-Urquhart
Tamara, '96 comm. health ed., and Xavier Vallejo
Jeff L. Vande Voort, '93 mech. engr.
Michael VerMeer, '99 chem. engr.
Becky and James, '76 an. sci., '96 MS, Venner
Katie, '00 zool., and Kyle Viesselman, '98 chem. engr.
Marnie Vittetoe, '00 fam. res. mgmt.
Randy J. and Annette, '82 mgmt., Ackerson-Waldorf
Barbara and Brett, '86 an. sci., Walker
Robert Walker
Lenore and Lt. Cdr. Norval, '60 elec. engr., Wardle
Mildred Warner, '47 dietetics
Bruce Webb, '70 ind. admin./acct.
John Wegner, '94 mech. engr.
Connie and David L., '77 farm op., Wendel
John L. White, '97 MS mech. engr.
Dennis Whitehead, '66 ag. bus.
Stephanie Wadle-Wignall, '92 zool., and Aaron Wignall, '94 ind. ed. & tech.
Richard A. Wiethorn, '88 fin./MIS
Daniel Williams, '95 elem. ed.
Dayton Williams, '86 DVM
Jean, '62 math, and S. Gill Williamson
Jolene Wilson, '97 genetics
Janet, '56 home ec. ed., and Roger Winslow, '57 ind. admin.
Timothy Winter, '98 civil engr.
Aaron Whitney, '97 psych.
Jeff P. Womack, '95 arch.
Antony Wright
Hsing-Mei Wu, '98 PhD chem. tech.
Chen-Wen Yeh, '93 stat.
William Yungclas, '94 hist.
Lorena Corbin Zander, '94 jlmc, and Eckbert Zander
Carrie, '02 fam. & con. sci. ed., and Michael Zorich, '02 mech. engr.

www.smartcareermove.com

3 little reasons

Some of the best reasons for making a smart career move to Iowa stand less than three feet tall. In a recent annual national comparison called Kids Count, Iowa ranked among the **top four states for overall well-being of children.**

In its annual study of states, Morgan Quitno Publishing recently named Iowa **the nation's second "Most Livable State."** Contributing to that are Iowa's quality education, world-class communities and balanced lifestyle.

Iowa offers a higher quality of life at a lower level of cost. Real estate values mean families can afford **more house for the money** than in other parts of the country. **Housing prices in Iowa average 41 percent lower** than the national median and 32 percent lower than the Midwest median.

To learn about **new career opportunities** that help you **achieve your best** — and give your family the best — visit www.smartcareermove.com.

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Designing Denver

THEY'RE EVERYWHERE. DESIGNING THE CITY'S infrastructure, restoring its historical business districts, planning its next multi-million-dollar entertainment facility. For whatever reason, Iowa Staters have put their mark on the city of Denver, Colo. The architecture and construction industry is populated by Iowa State grads who have changed the skyline of the Mile-High City.

"There have been a good number of Iowa State graduates in this field who have come out here and really had an opportunity to work their way up within their companies," said Kate Douglas ('92 marketing), director of marketing for Dauer Haswell Architecture Group. "We've gotten to the point now that we have senior-level people in firms throughout the city. I look around the city, and I think, 'Gosh, you know, Iowa State alums have had their hands in all the major construction projects in the city.' It's everything from our transportation infrastructure to performing arts and entertainment to just basic industrial and residential development."

Hundreds of Denver architects, engineers, landscape designers, and community planners have degrees from Iowa State. Their firms support the increased population, industry, and traffic that Denver has experienced within the past decade.

"Denver has always been kind of a boom or bust town," said Duane Jansen ('72 civil engineering), a principal with Martin/Martin Consulting Engineers. "Back in the 1800s it was the gold rush. Then in the 1970s it was the oil business. In the '90s, the high-tech businesses moved to town. The '90s were a very, very busy time in Denver, with a lot of new construction and a lot of people moving into the city."

Iowa Staters have played key roles in the design and construction of Coors Field, Denver International Airport, Ocean Journey, the Pepsi Center, a new federal courthouse, Denver Pavilions, and the 16th Street Mall. They have been involved in the historic restoration and revitalization of Lower Downtown – commonly referred to as LoDo – and with the transformation of old Stapleton Airport into a new community-based development. Their projects have brought homeowners back to the city center and boosted the economy.

"I've lived in Denver for 20 years," Jansen said. "It's difficult to drive down the street and not see a project that I've worked on."

Curt Dale ('69 architecture), vice president with Anderson Mason Dale Architects, has lived in Denver since 1973 and has been involved with dozens of major building projects. As president of the American Institute of Architects (AIA) Denver in the late 1980s, Dale led the charge to preserve the historic fabric of the old LoDo warehouse district – now one of the most popular areas of Denver to live, work, and play.

"When I moved to Denver in '95, LoDo was just starting to develop," said Becky Stone ('93 architecture), an associate with OZ Architecture. "Before that, there was nothing down there. Now it's just thriving. Coors Field and the Pepsi Center moved in, and they just bring huge numbers of people to the area."

Upscale shops, restaurants, and bars have moved into the old warehouse district, along with condos, lofts, and businesses.

"Lower Downtown is an obvious success story," said Dale. "I've been a part of the Lower Downtown Design Review Board, and we have made sure we've maintained the quality of buff and red brick and the scale of the area. It's a great place. It's absolutely the hottest part of the city."

Jon ('83, '87 architecture) and Eileen Moore ('84, '87 architecture) Koenigsberg run their own architectural firm, specializing in restoration of historic homes in Denver.

"What we're mostly doing is additions and renovations to historic homes so that they can be used and people aren't moving out to the suburbs and basically adding more urban sprawl," said Eileen.

She said young families are moving back to the older neighborhoods in eastern Denver. "The neighborhoods are very vibrant. There are neighborhood coffee shops and parks and ice cream stores and schools, and all the things you need. People appreciate the quality workmanship and the feel of the neighborhoods."

It's unclear why so many Iowa State graduates have located in the Denver area to pursue careers in architecture and engineering. But some of them have a theory.

"It's the search for altitude," Dale jokes. But Scott Conley ('96 civil engineering), project engineer for Martin/Martin, agrees. "It's a great place for outdoor recreation. I came out here to ski. Now I bike, camp, hike, everything."

Stone said her work on ski and golf resorts brought her to Denver, but her projects often take her to Florida and California, where she continues to encounter Iowa State grads.

"I was down in Florida a couple of weeks ago working on a village, and an elevator rep came in, and he had graduated from Iowa State. So I don't just meet 'em in Denver, I meet 'em all over!" □

Denver's architecture and construction industry is populated by Iowa State grads who have changed the skyline of the Mile-High City.

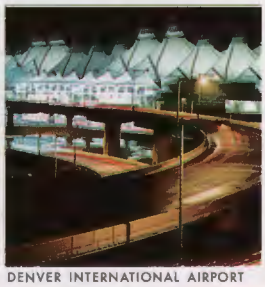
Editor's note: VISIONS has just learned of the tragic death of Curt Dale ('69 architecture), vice president with Anderson Mason Dale Architects. An experienced mountaineer, Dale was climbing with his son, Chris, and a colleague when he was caught in an avalanche at 13,000 feet. The other climbers survived.

JIM HEEMSTRA

Representing the multitude of Iowa Staters who work in the architecture and civil engineering professions in Denver are Bob Johnson ('72 architecture), Scott Conley ('96 civil engineering), Kate Douglas ('92 marketing), Curt Dale ('69 architecture), Jon Koenigsberg ('83, '87 architecture), Duane Jansen ('72 civil engineering), Eileen Moore Koenigsberg ('84, '87 architecture), Wayne Harris ('72 civil engineering), and Rebecca Stone ('93 architecture).

FEDERAL COURTHOUSE

COORS FIELD



DENVER INTERNATIONAL AIRPORT

OCEAN JOURNEY AQUARIUM

Christian Petersen's The Gentle Doctor was made possible through Iowa State's knowledge of the art and science of firing and drying clay.

MAKING MAGIC: THE MARRIAGE OF ART AND SCIENCE

ALTHOUGH MANY INSTITUTIONS PROUDLY CLAIM THAT THEY have found ways to marry arts and sciences, nowhere is the claim more gracefully and convincingly displayed than at Iowa State University.

The works of Christian Petersen, Iowa's State's sculptor-in-residence from 1934 to 1955 and one of the country's most significant Regionalist sculptors, have become some of Iowa State's most beloved symbols. But behind the beautiful forms of serene cows, Indian maidens, young students, and a gentle doctor, there lies another story.

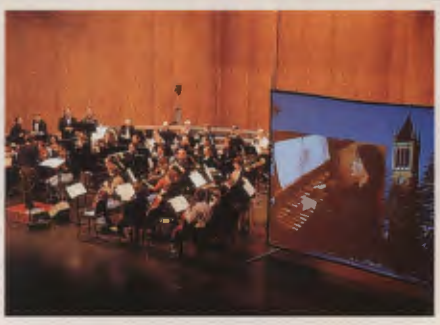
One of the keys to Petersen's success was his close collaboration with Iowa State's head of ceramics engineering, Paul Cox. Although Petersen's contemporaries sculpted from marble and limestone, Petersen chose to work with the red clay from Iowa's countryside. The finished sculptures had to withstand Iowa's harsh climate, and today's art analysts are astounded at the success of Cox and Petersen's unique clay composition. The size of Petersen's sculptures in this medium were also challenging, and were made possible only because of the college's excellent kiln and its engineers' knowledge of the intricacies of the art and science of firing and drying.

Petersen's legacy of using technology to enhance the arts is alive and well at Iowa State. Here are three examples:

A 21st century melody for an old tradition

The first time Iowa State's bells rang out over campus was on a cold winter's day in 1899. The entire faculty had been invited to watch the installation of the original 10 bells, but not much thought had been given to who would play them. One of the workers, a student named D.C. Thomas, clanged out "Home Sweet Home." The performance was short and sweet, but probably long enough for the shivering audience. The temperature was below zero, and a severe typhoid epidemic gripped the campus.

What would those 19th century Iowa Staters say if they could have attended last winter's carillon performance in the comfort of C.Y. Stephens auditorium? They could never have imagined that one day fiber optics would make it possible for an audience of 500 to see the large projected image of carillonneur Tin Shi Tam, assistant professor of music, and hear her playing "Star Bells," a musical suite for carillon and symphony.

The high-tech performance grew from necessity – a perfect solution to Iowa's unpredictable weather. A performance of a composition by Jeff Prater, ISU professor of music, had been scheduled for October. The musicians of the Central Iowa Symphony and their conductor, Mark Laycock, ISU assistant professor of music, were primed for the concert. But plans to set up music stands at the foot of the campanile for an outdoor concert were scotched when an unseasonable cold spell hit. The prospect of shivering musicians and an absent audience prompted the concert's cancellation. The collected artists began thinking of a solution. They worked with Iowa State

JIM HEINITZ

The Central Iowa Symphony performs with carillonneur Tin Shi Tam, thanks to technology that allowed the performers to see each other.

BOB ELBERT

Iowa First Lady Christie Vilsack displays her inaugural gown design to the media, as fabric for the gown comes off the digital fabric printer behind her. The gown was designed by ISU's J.R. Campbell and Jean Parsons.

telecommunications and instructional technology experts, and the result was one of the first performances of its kind.

The performance went without a hitch. Tam watched Laycock from a small screen at the top of the bell tower; Laycock watched Tam from a small screen on his music stand; the orchestra members watched Laycock; and the audience watched everybody! The evening was not only the debut of a new idea, but the premiere of Prater's new work. The three sections of the composition – "Bells of Contention," "Bells of the Dance," and "Bells of Celebration" – end with such exhilaration that Tam says she thinks the performance should include fireworks. Maybe next time.

High tech meets haute coutoure

The inaugural ball was around the corner, and Iowa's First Lady, Christie Vilsack, needed a ball gown. Not just any gown, but one that truly reflected Iowa. An Iowa symbol that was particularly meaningful to Vilsack was a stained glass window of Terrace Hill, the governor's mansion. She consulted faculty in Iowa State's Textile and Clothing Department, and the result was a smashing gown.

First, J. R. Campbell, assistant processor of textiles and clothing, took photos of the window, then used a computer to create a design that was digitally printed on fabric – a process used in only a few places in the country. Jean Parsons, assistant professor of textiles and clothing, created a dress pattern that used the motif on both the top panel of the dress, made of sheer organza, and an accompanying silk-satin bolero jacket.

VIRTUAL REALITY APPLICATIONS CENTER, IOWA STATE UNIVERSITY

"Ashes to Ashes – Dance Driving" is a virtual reality experience that incorporates words, music, images, dance, audience interaction – and computer technology.

The dress helped promote Iowa State's textile and clothing program to potential students, said Vilsack. "This is about selling Iowa to young Iowans."

It was also about looking great.

Virtual reality center becomes newest concert hall

One of the main reasons composer Anne Deane, assistant professor of music, decided to come to Iowa State from the University of California, was ISU's Virtual Reality Applications Center. She was fascinated by the prospect of using virtual reality to immerse audiences in sound and sight.

But she could not have foreseen that the events of Sept. 11, 2001, would create such an intense subject area, nor that there would be such a need for an art form that would allow observers and participants to express loss and grief. In the composition "Ashes to Ashes – Dance Driving," Deane worked with Carolina Cruz-Neira, associate professor of industrial and manufacturing systems engineering, and alumna Valerie William's ('77, physical education), who directs a local community dance theater. Using personal interviews of Sept. 11 survivors, Deane composed a piece that incorporates words, music, images, dance, and audience interaction.

The team hopes to eventually give New Yorkers a permanent interactive exhibit where visitors will be able to record their recollections. They are also working on an Internet installation, which will make the performance piece available via Webcast to international audiences. □

Come back to Alumni Days 2003

Remember Coke dates in the Memorial Union? Kissing under the Campanile? Walking three times around Lake LaVerne? The ISU Alumni Association gives alumni an opportunity to relive those memories during Alumni Days 2003, set for Wednesday through Friday, May 14-16.

Alumni Days sets the stage for you to reconnect with your classmates and relive your glory days on campus, but it's more than just a trip down memory lane. Alumni Days gives you a chance to experience all the changes on the Iowa State campus, expand your educational horizons, and participate in a variety of terrific activities designed just for you.

Highlighting the three-day event will be the Gold Medal Dinner, where each attending member of the 50-year class of 1953 will be individually honored with a gold campanile medallion, presented by ISU President Gregory Geoffroy. Members of the 50-year class also receive a golden anniversary diploma and are automatically inducted into the Alumni Association Gold Medal Club.

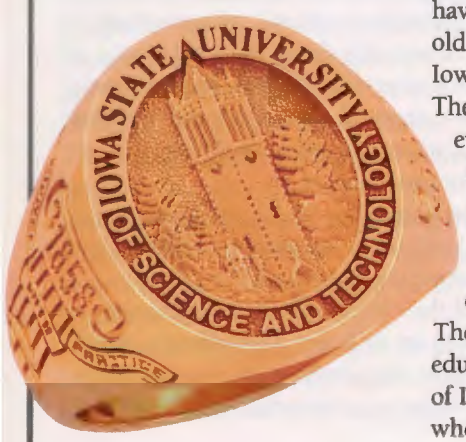
This year's golden anniversary class gift will go toward the renovation of historic Morrill Hall.

Alumni celebrating 55-, 60-, 65-, 70-, and 75-year reunions will receive special recognition during Alumni Days. All alumni who graduated before 1954 are invited to attend. The deadline to register is May 1. For more information or to register, call toll-free 1-877-ISU-ALUM or visit the Alumni Days Web page. □

Alumni Days 2003
www.isualum.org/events/ad/index.html

JIM HEEMSTRA

Introducing the new Official Iowa State University Ring



The ISU Alumni Association and the University Book Store have joined forces to revive an old ISU tradition: the Official Iowa State University Ring. The ring was designed to evoke memories of events and traditions at Iowa State: classes, friendships, sporting events, Veishea, and the resonating sound of the Campanile bells. The ring also symbolizes the educational accomplishments of ISU students and alumni who wear it.

> The ring was designed to evoke memories of events and traditions at Iowa State.

The ring is reserved exclusively for individuals who have successfully met the university's academic ring standards. The ring was designed by a group of Iowa State students, alumni, and staff, and will remain unchanged into the university's future. As a symbol of Iowa State tradition, it will be instantly recognizable as a tangible connection for Iowa State graduates.

The ring may be viewed online and may be purchased by contacting the Alumni Association toll-free at 1-877-ISU-ALUM. □

The Official Iowa State University Ring
www.isualum.org/services/ring

Staff changes

Don Kockler joined the Alumni Association staff in November 2002 as business manager. He came to the Alumni Association with more than 25 years of experience, most recently as financial accounting manager at Prairie Meadows Racetrack and Casino. Kockler received his B.S. from Iowa State in industrial administration in 1976. He coordinates all aspects of the Association's budget and financial management.

Shellie Henry ('88 marketing) joined the staff in December 2002 as assistant director for membership and marketing. She coordinates recruitment and retention efforts of members and manages the membership database. Henry also manages merchandise sales and the daily operations of the Association's affinity programs, which includes the ISU credit card and insurance offerings. Before coming to the Alumni Association, Henry did freelance marketing work.

Scott Dahl, formerly the Association's assistant director for membership and marketing, was promoted to director of membership and marketing. Dahl has been with the Alumni Association staff since 1999.

Julie Larson, director of student and career services, was recently named director of constituent and career programs to reflect additional responsibilities in the areas of events and constituent relations. Larson joined the Association staff in 1984.

ISU Alumni Association Club events held from coast to coast

A SPECIAL SERIES OF ALUMNI RECEPTIONS hosted by the ISU Alumni Association began last fall in Chicago, and they'll conclude in the Twin Cities on June 5. In between, the Metro Visits Series included stops in Denver, San Francisco, Kansas City, Omaha, and Washington, D.C.

The reason for the coast-to-coast visits? To roll out the "model" ISU Alumni Association Clubs program to alumni in major cities across the United States. Alumni who attended the evening receptions found more than cardinal-and-gold camaraderie and hors d'oeuvres – they learned the results of the Alumni Association's market research on ISU Clubs.

In a nutshell, the research showed that alumni expect certain things from their ISU Club: a variety of events, strong Alumni Association communication and presence, local TV-watch hubs where they can follow Cyclone sports teams, and an opportunity to stay connected to Iowa State – all with minimal personal time commitment. For its part, the Alumni Association hopes to involve alumni in student recruitment, college activities, and Cyclone athletics in their cities and to keep them engaged in the life and work of Iowa State.

Model clubs will plan a minimum of four events each year in a variety of areas: student outreach, gamewatch parties or athletic outings, community service, and "Celebrate ISU" events which involve speakers from Iowa State. A comprehensive look at market research results and more information on ISU Alumni Association Clubs are available online. □

ISU Clubs: www.isualum.org/clubs

On the Web

JIM HEEMSTRA

Bill ('71, distributed studies/accounting) and Donny Paisley (foreground) and Deborah ('95, elementary education) and Jason ('95, accounting) Hormann watch for birds and bats in the Lied Jungle at Omaha's Henry Doorly Zoo. The ISU Alumni Association sponsored a reception for the Alumni Club of Omaha in the jungle's TreeTops Restaurant on Jan. 23.

Let us drop a few more names to help you catch a great career.

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Briefs

Bowling in Boise

The weather was dreary and the Cyclones lost the game, but more than 800 Iowa State faithful got together for a pre-game party before the Humanitarian Bowl in Boise, Idaho, on Dec. 31. The event, co-sponsored by the Alumni Association and ISU Athletics, included a breakfast and performances by the ISU spirit squad and pep band.

Three students named Wallace E. Barron Scholars

Emily Ambrose, Sarah Bauer, and Jacqui Becker have been named 2003 Wallace E. Barron Award winners. Ambrose is a senior in exercise and sport science; Bauer will graduate in May with a double major in chemical engineering and music; and Becker is a senior in journalism and mass communication. The Wallace E. Barron Award, established in 1968, honors outstanding seniors who display high character, outstanding achievement in academics and activities, deep interest in the university, and promise for continuing these exemplary qualities as alumni. Awardees receive a lifetime membership in the ISU Alumni Association.

We've got spirit!

Hilton Magic will be even more magical next season with the rollout of a new student cheer section. Jointly sponsored by the Student Alumni Leadership Council and the Department of Athletics, the student group promises to add a louder, crazier, and more spirited atmosphere at men's and women's basketball games.

Students got involved with the project campus-wide this winter, first suggesting names for the student cheer section and later voting on the top five names submitted. The winning name, announced at the March 5 men's basketball game, is "Cyclone Alley." Students who wish to participate in the new student cheer section will purchase a membership, which will provide them a "Cyclone Alley" T-shirt and allow them to sit in the special section.

Magazine receives regional awards

VISIONS recently received 10 awards from the Council for the Advancement and Support of Education (CASE) District VI. Awards were for writing (Karol Crosbie and Carole Gieseke), photography (Jim Heemstra), design (Mauck+Associates), and overall excellence. In all, the magazine received two gold, four silver, and four bronze awards.

VISIONS online: www.isualum.org/go/VISIONS

Travel with the people you know

DON'T MISS OUT! THERE'S STILL TIME TO make reservations for summer and fall Alumni Association travel tours. Tours include the Elbe River, Africa, Scandinavia, the Adriatic Coast, the Seine River, Canterbury, Canada and New England, Washington and Oregon, and Germany's Christmas markets. Week-long alumni college programs are scheduled to be held in the Veneto District of Italy, the Danube River, and the Loire Valley of France. Special tours are being offered to families (a family dinosaur discovery) and to art and architecture buffs (a two-week College of Design study program in Rome).

For departure dates and locations, see the calendar listing on page 41. Make your reservations early, as some trips have a maximum number of passengers and fill up quickly. For updated travel information, call toll-free 1-877-ISU-ALUM, and for complete trip itineraries visit the travel program Web page. □

Travel: www.isualum.org/go/travel

Awards nominations due Aug. 1

NOMINATIONS FOR THE DISTINGUISHED Achievement Citation (DAC) and Honorary Alumnus/a Award are due in the Alumni Association offices by Aug. 1, 2003. Forms are available online at www.isualum.org/go/nominate, or call toll-free 1-877-ISU-ALUM and ask that a nomination form be sent to you.

The DAC was established in 1961 to recognize ISU alumni who are nationally and/or internationally recognized for preeminent contributions to agriculture, arts, education, industry, professions, public service, social welfare, science, or other endeavors. The DAC is the highest honor given to alumni by ISU through the Alumni Association.

The Honorary Alumnus/a Award was officially established in 2003 to recognize individuals who are not Iowa State graduates but who make significant contributions to the university's welfare, reputation, prestige, and pursuit of excellence. Past recipients of the award (before it became an official Alumni Association award) were David Dancer, 1968; W. Robert Parks, 1969; Stanley Redeker, 1977; Father James Supple, 1980; James Wilson, 1983; and Patty and Martin Jischke, 2000.

Both the Honorary Alumnus/a and Distinguished Achievement awards will be presented in spring 2004. □

Award nominations: www.isualum.org/go/nominate

HONORS & AWARDS

IOWA STATE UNIVERSITY ALUMNI ASSOCIATION

The ISU Alumni Association will honor alumni and friends with awards for outstanding service and professional achievement in spring 2004.

You are encouraged to become involved in the nomination process.

Nominations for the following awards are due Aug. 1, 2003:

- *Distinguished Achievement Citation*
- *Honorary Alumnus/a Award*

Additional awards are given to alumni, faculty, and staff each fall. The deadline for those awards is Feb. 1, 2004.

For all nomination forms, go to www.isualum.org/go/nominate or call toll-free 1-877-ISU-ALUM

2004

By Patricia Tice

So nice to meet you

The following is the second of a three-part series on business etiquette for today's new executive. This part focuses on introductions.

career insights

How many times have you met someone, only to immediately forget his or her name? It happens to all of us at one time or another. An introduction is a social plan for placing two or more people on a friendly basis. There are correct forms for introductions, and they need to be learned as a first step in making introductions.

Making an introduction

The simplest form of introduction is always the best. Simply say the two names when you introduce two people whom you know quite well. Say: "Ms. Carter, Mr. Jones."

A man is always presented to a woman, which means that the woman's name is called first. A younger man is presented to an older man; a younger woman is presented to an older woman, *unless* the younger person is someone of high political importance.

When making an introduction, you should direct the two people you are introducing into a pleasant conversation. This is entirely possible if you focus quickly on the backgrounds of the two people being introduced.

Suppose that you are introducing a young man, Mr. Smith, to an older man, Mr. Jones. Mr. Jones has the potential to hire Mr. Smith in a position in his company. You know that Mr. Smith has studied crop genetics and that Mr. Jones is an accomplished crop geneticist. You follow the introduction with the words: "Mr. Smith has studied crop genetics at Iowa State University, Mr. Jones. I am sure you both may enjoy a visit about the genetics of corn."

The response

Say, "Hello, I am pleased to meet you," as graciously as possible, or repeat the name of the person to whom you are being presented. Always look at the eyes and/or facial area of the person to whom you are being presented. If you have difficulty remembering names, or if the name is difficult to pronounce, ask to have it repeated. It is also fine to practice the difficult name by saying, "[Kee-shan] … am I saying it correctly?

> An introduction is a social plan for placing two or more people on a friendly basis.

Good." Continue to give your full attention to the exchange.

Do not shortchange your choice of words. Speak the full words as they should be pronounced, rather than using a contraction. Say "I *am* pleased to meet you," rather than "*I'm* pleased to meet you." Also, be sure to finish each of your words – do not drop the ends of your words into pronunciation purgatory.

It has often been said that we *are* the way we *speak*. Choose sophistication! It will serve you well in business. (This also works well with the written word.)

Your skill and grace at proper introductions will speak volumes about who you are as a human being – a *proud* Iowa State University alum! □

Dr. Patricia Tice (B.S. '75 child development, M.S. '83), is a professional speaker on business etiquette from West Des Moines, Iowa. She can be reached at 515-457-7590 or www.theteadoctor.com.

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Office hours

The ISU Alumni Association, located on the first floor of Iowa State's historic Memorial Union, will observe warm-weather-friendly office hours May 19 through Aug. 15, 2003. Regular hours (8 a.m. to 5 p.m., Monday through Friday) will resume on Aug.18.

Summer hours

Monday through Friday
7:30 a.m. - 4 p.m.

Calendar

Here's a sampling of upcoming events on the ISU campus and of alumni events across the country and around the world. Events are subject to change. For more information, visit the Alumni Association Web site: www.isualum.org or call toll-free 1-877-ISU-ALUM.

APRIL

1 Elton John and Billy Joel, Hilton
2 ISU Symphony Orchestra youth concert, Stephens
2 Lecture: Molly Ivins, Sun Room, Memorial Union
3 ISU presidential reception in Burlington, Iowa
4 *The Little Engine That Could*, Stephens
4 Rhythm & Brass, Stephens
4-5 Fashion show, Fisher Theater
11-13 Stars Over Veishea: *Brigadoon*, Stephens

12 **Veishea**
12 Alumni Travel: Antebellum South (through April 19)
15 ISU alumni reception in Washington, D.C.
16 Breakfast for Graduating Seniors, Sun Room, Memorial Union

21 **Spring Ring Ceremony, Campanile Room, Memorial Union**
24 Champions On Ice, Hilton
28 ISU presidential reception in Muscatine, Iowa

MAY

1 Alumni Travel: Alumni College in Sorrento, Italy (through May 9)
2 Gallagher, Stephens
3 *The Miracle Worker*, Stephens
5 Alumni Travel: Alumni College in Scandinavia (through May 13)
6 ISU Women's Alumni Club of Black Hawk County potluck dinner
8 International graduation reception, Sun Room, Memorial Union
9 Graduate commencement, Stephens
10 Undergraduate commencement, Hilton
13 Dixie Chicks, Hilton
14 Alumni Travel: Waterways of Russia (through May 27)

14-16 **Alumni Days (Class of honor: 1953)**
16-17 Alumni Association Board of Directors meeting
17 Alumni Association 70th annual meeting
22-24 Special Olympics
27 ISU presidential reception in Atlantic, Iowa
28-31 Odyssey of the Mind

JUNE

4 Alumni Travel: Imperial Passage: The Elbe River (through June 19)
5 Alumni reception in Minneapolis/St. Paul
14 Alumni Travel: Family Dinosaur Discovery (through June 20)
17 Alumni Travel: Alumni College on the Danube River (through June 25)
19 Cy's After Five Social Hour, 5-8 pm Don Jordahl Acreage, Des Moines
30 Alumni Travel: La Dolce Dozen: Twelve Fabulous Days in Rome with the ISU College of Design (through July 11)

JULY

11-14 Iowa Games
12 Alumni Travel: Alaska's Coastal Wilderness (through July 19)
14 Alumni Travel: Europe's Magical Waterways: Danube/Rhine Rivers (through July 28)

Mark your calendars now!

Aug. 1, 2003 Deadline for Distinguished Achievement Citation and Honorary Alumnus/a Award nominations
Oct. 3-5, 2003 Family Weekend
Oct. 13-19, 2003 Homecoming

Upcoming Alumni Association Travel Tours

- Safari to Tanzania and Kenya **Aug. 8-21**
- Scandinavian Sojourn **Aug. 18 - Sept. 1**
- Village Life along the Adriatic **Sept. 9-17**
- Treasures of the Seine **Sept. 10-22**
- Alumni College in Veneto, Italy **Sept. 15-23**
- Alumni College in Loire Valley, France **Sept. 23 - Oct. 1**
- Village Life in Canterbury, England **Sept. 27 - Oct. 5**
- Canada and New England **Oct. 7-17**
- In the Wake of Lewis and Clark: Washington/Oregon **Nov. 5-11**
- Germany's Christmas Markets **Nov. 28 - Dec. 6**

For details on Alumni Association travel programs, visit our Web site www.isualum.org/go/travel or call toll-free 1-877-ISU-ALUM

HOMECOMING 2003

CELEBRATE 125 YEARS AT A VERY SPECIAL ALL-ALUMNI WEEKEND

The ISU Alumni Association is preparing to commemorate its 125th anniversary in 2003! Help us celebrate 125 years of keeping alumni, students, and friends connected with Iowa State University and each other by attending Homecoming Weekend 2003, Oct. 17-19. The weekend will include both traditional and new activities for alumni, students, friends, and their families.

Homecoming 2003

ExCYtement Unfolds: Cardinal and Gold

Homecoming weekend 2003 will be a grand salute to Iowa State alumni. Activities will include:

- All-Alumni Homecoming Tailgate, with special activities for the Alumni Association's 125th anniversary celebration
- Football game: Cyclones vs Texas
- Honors and Awards ceremony and reception
- Family of the Year Society reunion
- Student Alumni Association/ Student Alumni Leadership Council reunion
- Travelers' reunion
- Student lawn displays

Don't miss this chance to reconnect with Iowa State! Watch for details on the Alumni Association Web site: www.isualum.org

Paying tribute to a mentor

WHEN INSPIRATIONAL TEACHERS AND EAGER STUDENTS are brought together, the possibilities are virtually limitless. Just as a stone skipped across a still pond sends ripples in all directions, excellent teachers and mentors who influence their students in turn reach far deeper into society than they imagine.

Understanding that exceptional faculty members are at the heart of a great university, President Gregory Geoffroy announced Iowa State's *Investing in People* initiative during his presidential installation in October 2001. "Academic excellence derives from excellent academic programs, and excellent academic programs derive from excellent faculty," Geoffroy said.

Jay Lush was such a teacher and mentor. Committed to new discoveries and to finding the most effective way to teach each student, Lush was revered by his students, who took his ideas out into their world.

Tom (M.S. '56, Ph.D. '58, animal science) and Jean ('56, history) Sutherland of Ft. Collins, Colo., recently recognized Lush, who was Tom's mentor and major professor, with the creation of the Jay L. Lush Professorship in Animal Breeding and Genetics through their initial gift of $500,000.

"To be able to give something back in memory of Jay Lush and to extend his work into the new field of animal genomics is a great privilege," Sutherland said. The Sutherlands challenged others whose lives were influenced by Lush to join them in adding to this endowment so it can become an endowed chair. The Sutherlands have pledged to match gifts up to an additional $500,000.

Tom Sutherland grew up in Scotland and attended Glasgow University, expecting to return to farming along with his brothers. After graduating, however, he received a scholarship to attend Reading University in England, where he became intrigued by a textbook on animal breeding by Jay Lush. When the dean of agriculture encouraged him to go to the United States to study, Sutherland was at first surprised. Then he thought about Lush.

"I wrote to Professor Lush to ask whether I might study with him," said Sutherland. "In short order, I received a very cordial invitation from him to study at Iowa State."

Jay Lush

UNIVERSITY ARCHIVES, ISU LIBRARY

Sutherland arrived at Iowa State in 1954, thinking that he would study for one year before returning to Scotland. Again, his plans changed. He met and married Jean Murray. And as he worked to earn his master of science and doctorate in animal science, he was profoundly influenced by Lush. "Iowa State and Jay Lush gave me a career, a wonderful life, and my wife," says Sutherland.

The Sutherlands have enjoyed 46 years of marriage and professional success. Tom worked for 25 years to build the animal breeding program at Colorado State University. After accepting in 1983 the invitation to serve as the dean of agriculture at the American University of Beirut, Tom was kidnapped on June 9,1985, and held hostage for more than six years by the Islamic Jihad. During that time, Tom's ties to Iowa State were intensified when on June 9,1991, he

PHOTO COURTESY OF THE COLORADO ACADEMY HORIZONS PROGRAM

Tom (M.S. '56, Ph.D. '58, animal science) and Jean ('56, history)Sutherland

heard from his cell a radio broadcast of the Campanile bells tolling for him.

Jay L. Lush came to Iowa State in 1930, where he started the study of animal breeding, applying population genetics to livestock improvement.

Lush's reputation as the father of modern animal breeding quickly spread and became a magnet for other scientists to study with him at Iowa State. Many of those graduate students, including Sutherland, became world leaders in animal genetics, taking with them Lush's commitment to service.

Tom and Jean Sutherland created the Jay L. Lush Professorship in Animal Breeding and Genetics to honor an admired professor and mentor.

During the dedication ceremony for Lush Auditorium in Kildee Hall in 1973, Lush said, "My attitude toward my work was that I admired greatly what the breeders of farm animals had already done, but I had an unshaken faith that they could do still more and do it more quickly and with fewer mistakes if they could use the possibilities that must be in the new and intriguing science of genetics. I could be most useful if I would clarify those possibilities and show the breeders how to use them. Each fresh contact with genetics would give me new enthusiasm. Then each attempt to apply what I had just learned would make me appreciate still more how intricate was the development end of 'research and development.' Always the applications seemed to need even more research than the initial basic research."

For his contributions to science, Lush was named a distinguished professor in 1957. He received nine honorary doctoral degrees from universities around the world, became a member of the National Academy of Science in 1967, and received the Medal of Science from President Lyndon B. Johnson in 1968. Lush died in 1982.

Catherine Woteki, dean of the ISU College of Agriculture, said the Sutherlands' gift would be important to the success of the Center for Integrated Animal Genomics. "This professorship will help the Department of Animal Science continue the work that began with Jay Lush," she said. "We are grateful to Tom and Jean Sutherland for their generous gift." □

Sarah Buck is the ISU Foundation's vice president for administration.

Investing in faculty

NAMED FACULTY POSITIONS SUCH AS THE JAY L. LUSH Professorship in Animal Breeding and Genetics are essential tools that are used by Iowa State University to attract and retain extraordinary faculty members.

The most common categories of named faculty positions are chairs and professorships, which are prestigious positions usually held by high-ranking faculty members. The primary difference between the two is the amount needed to create the endowment. A chair requires a larger gift than a professorship. (The term "chair" should not be confused with the title of faculty members who have administrative responsibility for academic departments.)

Faculty members who hold named faculty positions may have continuing appointments or they may hold the position for a term of years, depending upon the requirements specified by the donors and accepted by the university.

In general, named faculty positions have several characteristics in common:

- Private donors give donations to create named faculty positions. The university has established minimum levels for various types of named funds (currently $1,500,000 for endowed named chairs and $500,000 for endowed named professorships).
- In most cases, the donated amount is permanently invested in an endowed fund; the gift itself is not spent. (If the donor does not want to establish an endowment, a named position may be created with annual gifts over a period of years. When that is done, the named position lasts only as long as the annual gifts are made.)
- Endowment earnings are used for the purposes specified by the donor. Examples of uses of the expendable earnings are research, graduate students, professional travel, and salary supplements.
- Exceptional scholarly achievement is the hallmark of faculty members who hold named faculty positions. The Jay L. Lush Professor in Animal Breeding, for example, will be a prominent researcher and teacher affiliated with the Center for Integrated Animal Genomics who will build on the work Professor Lush began.

Iowa State University currently has 42 active endowed chairs and professorships, which are the most common types of endowed faculty positions. Other named funds that may be created to support faculty members include: dean's chair, department executive officer/head, visiting professorship, research fund, faculty fellowship, lectureship, and faculty awards.

Team player

It was Clint Varley on Jackson Vroman, white teamer vs. red teamer, bench player vs. starter, clean-cut walk-on vs. mop-topped marquee player. It was already three hours into practice and Varley's job was to play tough defense,

block out under the basket, rebound the ball, challenge the guys who get most of the minutes.

It's tough work. And it showed.

A pause in the scrimmage found Varley bent, hands grasping the bottom of his practice shorts, lungs racing after oxygen. There are no substitutes for the walk-ons and back-ups on the white team. They don't get a break. They just hustle.

That, in fact, is what Varley remembers of his tryout for the Cyclones back in 1999.

That tryout started at 6 a.m. in Hilton Coliseum. And most of it was spent running for the coaches.

"They wanted to see if anybody would give up," Varley said. "They wanted to see who would stick it out."

Varley has. He's now a senior on the team. He's worked himself up to the strongest player on the team (he can bench press 380 pounds) and is now a regular on the court. He started his first and only game against Texas Tech last year, playing 13 minutes and scoring five points. This season, he played eight minutes in the Cyclones' 73-69 win over Iowa in Iowa City, adding three rebounds, two points, an assist, and a lot of muscle to the team's totals. His efforts won him his first Cyclone game ball.

Head Coach Larry Eustachy said the Cyclones wouldn't have won that game without Varley.

He came in and played a physical game under the basket. He gave the team energy. And he didn't make mistakes.

"He executed," Eustachy said, "and that's what we try to get all our players to do."

Varley grew up on a southwest Iowa farm that's been in the family for four generations.

There are corn, soybeans, and Angus cattle back home. And there's the opportunity to go back and farm near Menlo. That has Varley studying agricultural business on campus. But as his playing days wind down, Varley is starting to think about a career in college coaching.

> "He's extremely lucky. Very few people get on that floor in front of 15,000 people."

Basketball, after all, is in his blood lines, too.

Varley's father, Evan, was a guard for the Cyclones in the mid-1970s. Just like his son, he walked on, practiced hard, and earned some playing time. He logged 21 games and 47 points during the 1975-76 season and earned an ISU letter.

It made some sense for Varley to follow his father's walk-on to the team. As a prep, Varley was a second-team all-stater, averaging 24 points a game for Nodaway Valley High School in Greenfield. He earned a spot in a senior all-star game. And his high school team was 69-5 during his career. So he gave the Cyclones a try.

And what's kept him going through all the marathon practice sessions?

Darrell Burmeister, Varley's high school coach, remembers that Varley was a leader on his high school team and certainly could have logged a lot of playing time at a smaller college. But Varley wanted to play at the highest level. And now there's the chance to see and learn something about coaching. That's all helped him stick with the team.

Varley's father said, "He's become part of a group that he can look to. That becomes part of your life. Even if you don't play, your value is to the greater good."

But, said the older Varley – who hauled down 35 rebounds when his coaches put him in – it is a lot of fun when you finally get to play.

"He's extremely lucky," Evan Varley said. "Very few people get on that floor in front of 15,000 people."

It's Varley's last semester playing for the Cyclones. And for the first time, ISU is paying his tuition bills.

Eustachy said the team had a scholarship available and offered it to Varley.

No, Varley isn't playing a lot of minutes, scoring a lot of points, or getting his picture in the paper every weekend. But Eustachy said he's a leader who can tell freshman starter Adam Haluska why the Cyclones do this or do that. He's been in

JIM HEINSTRA

Clint Varley

the program as long as anybody now on the team. He's also loyal to his coach and to his team. And he takes on a lot of responsibility for learning and running opponents' plays, helping ISU's shooters get good shots, and otherwise preparing the team for game day.

"I thought it was quite appropriate to give it to a guy that's meant as much to our program as anybody since I've been here," Eustachy said.

Varley said he'd play with or without a scholarship. But he certainly likes having one.

"I'm really excited," he said from his post-practice slouch in a Hilton Coliseum seat. "It's really nice. I appreciate it. I came to play, money or no money. But this is a nice little cherry on top."

It wasn't a gift, Eustachy said.

Remember Jamaal Tinsley and Marcus Fizer? In the 1999-2000 season, those two Cyclone stars led the team to a school-record 32 wins, a conference championship, and an appearance in the elite eight of the national tournament. They're now making very good livings playing basketball in the NBA.

Well, Eustachy said, Varley fulfills his role for the Cyclones just as well as those two did. □

Mike Krapfl is city editor for The Tribune *in Ames, Iowa*

By Mike Krapfl

Sports Briefs

Sanders named associate athletics director

Calli Sanders has been named associate athletics director and senior woman administrator at Iowa State. She comes to Ames from the University of Maine, where she served as associate dean of students. She spent 14 years working in intercollegiate athletics prior to her appointment at Maine. She holds a 1986 degree in communications from the University of Montana.

Cael watch continues

ISU wrestler Cael Sanderson has been nominated for the prestigious James E. Sullivan Memorial Award, given by the Amateur Athletic Union to recognize the nation's top amateur athletes. Sanderson, who finished his wrestling career at Iowa State with a perfect 159-0 record, joins Olympic medal winners, NCAA champions, and two high school athletes on the list of 11 first-round finalists. The Sullivan award is considered the "Oscar" of sports awards. Former recipients include Michelle Kwan and Greg Louganis.

McCarney's contract extended

ISU head football coach Dan McCarney, who led ISU to an unprecedented third-straight post-season bowl game in 2002 and 23 wins over the past three seasons, received a new contract that will pay him $925,000 annually through June 2010. McCarney's salary is funded through fundraising, football ticket sales, and television revenues.

Seniors return for 2003 season

Coach Dan McCarney returns 32 players for their senior year during the 2003 football season. They are: Casey Baldwin, David Banks-Bursey, Adam Benike, JaMaine Billups, Matt Bockes, Jordan Carstens, Harold Clewis II, Lane Danielsen, Nick Linder, Collin Menard, Charles Mercer, Bob Montgomery, Jamaul Montgomery, Bryan Ollie, Jared Otto, Shaheed Richardson, Hiawatha Rutland, Eric Schmitz, Casey Shelton, Johnny Smith III, Tyson Smith, Cody Stafford, Marc Timmons, Emmanuel Valcourt, Caleb Van Cleave, Michael Wagner, Derek Walters, Aaron Wendel, Chris Whitaker, Jack Whitver, Joe Woodley, and Lance Young.

Hornbacher to lead soccer team

Rebecca Hornbacher has been named Iowa State's head soccer coach. She joined the Cyclone soccer staff in June 2002 as an assistant coach and was named interim head coach in July. She is a former coach at Baylor University and the University of Hartford, and she has played professional soccer with the New York Power and the Boston Breakers.

Springtime in Iowa

Just when you think winter has had its last hurrah, it dumps a little snow on your spring bulbs, just to let you know who's boss. Photo by Jim Heemstra

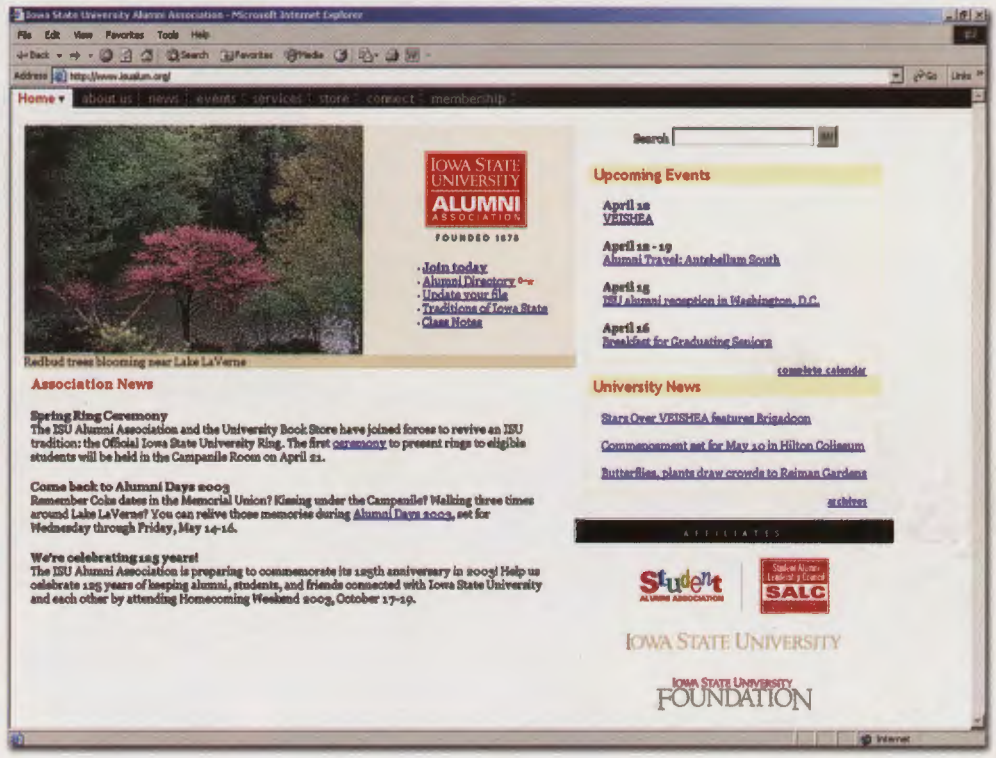
Whose life
will you change?
Meet Farran, Madison, Jonathan (standing), Jeremy (on ground), Jason and Katie, tomorrow's leaders and world-changers. Today, they are Iowa State students seizing opportunities your gifts to the ISU Foundation provide. Your generosity creates scholarships, exceptional academic programs, extracurricular activities and more—opportunities that change lives and transform our world.
For more about these and other ISU students, visit www.foundation.iastate.edu.
IOWA STATE UNIVERSITY
FOUNDATION

IOWA STATE UNIVERSITY
ALUMNI
ASSOCIATION

Alumni Suite, Memorial Union
2229 Lincoln Way
Ames, Iowa 50014-7164

CHANGE SERVICE REQUESTED

Alumni online



It doesn't matter where you live – you can always connect with Iowa State through the Web! Alumni can read the latest Association and university news, class notes, and calendar of events; shop online; check the latest travel tours; register for events; learn more about ISU Clubs; nominate alumni for awards; and link to other university sites.

As a member of the Alumni Association, your options are even greater! You can:

- *Access the Online Alumni Directory*
- *Submit class notes*
- *Sign up for the ISU News Flash electronic newsletter*
- *Receive discounts on Alumni Association merchandise*
- *Sign up for permanent e-mail forwarding*
- *Read VISIONS magazine*
- *And more!*

Get online today! **www.isualum.org**