

CONNECTIONS

FALL 2002

THIRTY YEARS OF MAGIC

THE MASTER GARDENER PROGRAM
WAS FOUNDED BY NANCY K. HANSEN



WASHINGTON STATE
UNIVERSITY

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See pages
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COLLEGE OF AGRICULTURE & HOME ECONOMICS ALUMNI & FRIENDS

Congratulations, 4-H turns 100 this year.

The College of Agriculture and Home Economics and Cooperative Extension are very excited about this historic event.

I want to take this opportunity to talk about some changes that are taking place with the 4-H Foundation and the College of Agriculture and Home Economics Alumni and Development offices. We are working to bring the 4-H Foundation to the next level by joining forces in a more cooperative manner.

We will be looking at other 4-H and youth development programs across the country over the next year to see how we can ramp up our fundraising efforts. The 4-H/Cooperative Extension Director of Development position has been created and will be housed in Puyallup. This restructured position is vital to the growth and success of the 4-H Foundation. The position will be part of the WSU Foundation Advancement Team and will be able to utilize the WSU Foundation network of employees and volunteers to make connections to key alumni, corporations and community leaders.

The 4-H Foundation will keep its non-profit status, enabling the organization to raise funds through the University Foundation, but also allow 4-H to apply for gifts and grants that the University is not eligible to apply for because it is not a community-based organization.

4-H will use WSU's Call-A-Coug Telephone Outreach Program to increase annual giving to the organization. Call-A-Coug's talented students raised more than \$2 million for the University last year.

The college alumni and development office has been very successful in getting gifts and grants from the Gates Foundation and Microsoft over the past year. With this success, we plan to step up efforts to seek gifts from more corporations and foundations throughout the state and the nation over the next year.

Gift planning, or planned giving, is the process of evaluating giving options, making a plan, and completing the gift. Private



Patrick Kramer

financial support comes to 4-H in many ways and from many friends. Donors may direct their gifts to be placed in an endowment or make it a current expenditure gift. You can retain an interest in your gift, such as the right to receive income from it, or make a gift through your estate. The 4-H Foundation will be working hard and encouraging friends and donors over the next several years to take a look at these options.

We are in the midst of dynamic change for the College, Cooperative Extension and 4-H. It has been marked by significant changes in leadership and limitless opportunities for evolution, growth, and change as we seek to define ourselves in this new era.

Partnerships have played an important role in the success of many Cooperative Extension programs. 4-H must forge more partnerships with private industry and other non-profit organizations to enhance its distinguished reputation for providing leadership in youth development and extension work. It is because of these mutually beneficial relationships that we are able to lay out our exciting vision for future programs.

I want to thank the 4-H Foundation Board for their efforts during this transition. I also want to thank our volunteers and donors for their generosity, support, participation, advocacy, and leadership. Each and every way you give back to 4-H and to the College makes a difference today and tomorrow.

DATES TO REMEMBER

October

- 17-20 State 4-H Forum in Wenatchee
- 20-26 eBay auction for Washington 4-H Garfield comic strip

November

- 2 Football, WSU vs. Arizona State
- 3-5 CAHE Phonathon
- 9 Football, WSU vs. Oregon
- 23 Football, WSU vs. UW (Apple Cup)

For a complete Cooperative Extension calendar go to:

<http://ext.wsu.edu/calendar/index.asp>

Winefest 2002

November 1, 2002

Gladish Community Center
Gymnasium

Ticket Price: \$25.00 each

Contact: Kelly Barrett
(509) 335-5766

Look for the CAHE
Alumni and Development
Web site at:
www.cahealumni.wsu.edu

On the cover: Master Gardener collage and cover design created by Miro Vejzovic. Photos provided by Master Gardener volunteers.

Save the Old Pavilion Restoration Project

Two spring events highlighted the kickoff of the fundraising campaign to refurbish the Pavilion. During our spring Golden and Diamond Grad Reunion, our returning alumni had an opportunity to visit the Pavilion and view historical photographs and a video presentation by our AHES students. They have worked hard this past year to **Save The Old Pavilion** and organized the fundraising campaign to restore and refurbish this landmark. The CAHE 2002 Faculty and Staff Drive featured a kickoff breakfast at the Pavilion where

faculty and staff were able to view the various premium items for sale as part of the fundraising campaign.

These items include unique commemorative pens (carved from original Pavilion wood), donor plaques, and signed, limited edition watercolor prints of the restored Pavilion created by interior design professor Robert Krikac.

Anyone wishing to purchase the Pavilion items can refer to our ad featured in this issue (see page 14), or contact the Development Office at 509-335-2243.

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CONNECTIONS

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Connections is published two times a year by the College of Agriculture and Home Economics Alumni and Development Office. Readers are encouraged to share their ideas for articles and to contribute items by writing to:

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Mission: The College of Agriculture and Home Economics Alumni Board of Directors is the Catalyst for uniting prospective students, current students, the college administration, faculty and staff, industry, and alumni while upholding WSU's land-grant mission.

Web site:
www.cahealumni.wsu.edu



Professor Everett Martin and painter Alan McDonald position the weather vane McDonald created after a 1930s' era WSU pennant.

AGRICULTURAL ECONOMICS

Neil R. Appel and Kelli J. Myers were presented as Outstanding Seniors for 2002. Neil obtained a degree in Agricultural Economics with minors in Business Administration and Agricultural Technology and Management.

Neil has gone back to farm with his family in Colfax and hopes to own his own farming operation in the future.

Kelli, whose degree is in Agribusiness, was also chosen as Aggie of the Year for 2002. Kelli was married over the summer and is now attending the

University of Washington as a graduate/law student.

Along with Neil and Kelli, **Joshua M. Siler** and **Emmy A. Sunleaf** were recognized on the Dean's Honor Roll, an honor awarded graduating seniors earning a GPA of 3.5 and above.

Ray Folwell was named Interim Coordinator for the Viticulture and Enology Program.

Wen Du, Ph.D. candidate, received the American Agricultural Economics Association's Sylvia Lane Fellowship for 2002–03.

Rafic Fahs, 2002 Ph.D. graduate, was selected by the American Agricultural Economics Association for an Honorable Mention in the Outstanding Ph.D. Dissertation competition.

Kristine Grimsrud was selected Outstanding Ph.D. Student in the Department of Agricultural and Resource Economics for 2001–02.

Toby Ripplinger, M.A. candidate, was selected Outstanding M.A. Student in the Department of Agricultural and Resource Economics for 2001–02.

Corey Pickelseimer, M.A. candidate, was a summer intern with the Foreign Agricultural Service.

WSU Agricultural Research Center Unveils New Website

The Agricultural Research Center (ARC) is pleased to unveil its newly updated Web site: <http://arc.cahe.wsu.edu/>. On this site, there is useful information for both visitors and researchers. The Annual Report of the Agricultural Research Center, which contains the projects, publications, patents, and plant variety releases of scientists associated with the Center along with pertinent financial information is found under Reports. Likewise, the new CAHE research brochure, *Research in Agricultural, Human and Natural Resource Sciences* is also located under Reports. A printed copy of this brochure, which showcases outstanding researchers in CAHE and represents the new tagline of the University, "World Class. Face to Face." is available by contacting the ARC at 509-335-4563 or AgResearch@wsu.edu.

A prominent feature of the new front page is a yellow button link to the National Agriculture Biotechnology Council meeting, NABC 15, which will be held at the Westin Hotel in downtown Seattle, June 1–3, 2003. The meeting, co-sponsored by the Agricultural Experiment Stations of Washington State University and Oregon State University, is entitled "Biotechnology: Science and Society at a Crossroad." Speakers will discuss public perceptions of biotechnology, organic and sustainable agriculture and biotechnology, safety of biotechnology—genes drifting into other crops, bringing biotechnology to bear on the problems of specialty crops, patenting and licensing—moving past the gridlock of intellectual property problems; material transfer agreements, biotechnology and international trade and the impact of biotechnology on rural communities. Biographical sketches of the speakers and the complete program for the meeting will soon be available at this site.

"Information for Visitors" contains information about the field days being held throughout the state, including their dates and locations. The ARC faculty and staff are also listed along with methods of communicating with us.

The Research and Extension Centers/Units throughout the state are listed with their addresses, phone and fax numbers, and email addresses to request information about your particular concerns.

The right side of our home page has useful links to the state and federal legislative websites as well as to our Washington Department of Agriculture and the USDA.

Please visit us. If there are links that would be helpful to you, let us know.

The mission of the ARC is to perform research pertinent to the needs of the citizens of the state. The new Web site complements this function.

ANIMAL SCIENCES

The following graduates in Animal Sciences were recognized for being on the Dean's Honor Roll with a GPA of 3.5 or better: **Angela Armijo**, **Marlene Bakko**, **Sara Blake**, **Carissa Blair**, **Christina Chesvick**, **Christine Ford**, **Kristen-Lynne Honda**, **Theresa Kokta**, **Heidi Kos**, **Colleen McCoy** and **Sharon Wilson**.

Angela Armijo was also chosen as one of the College's Outstanding Seniors. She is pursuing a M.S. degree in Animal Sciences at WSU under the direction of **Dr. Boon Chew**.

In August, **Ruth Newberry** received the Poultry Welfare Research Award at the Poultry Science Meeting. Ruth received this award because of the high quality of her research program.

APPAREL, MERCHANDISING AND INTERIOR DESIGN

Apparel, Merchandising and Interior Design is proud to report that six student designs were selected by juried review for the Juried Exhibition of the International Textile and Apparel Association in New York City this August. Students with juried work include undergraduate students **Ji-Yoon Kim**, **Jessica Kuper** and **Cheri Hollist** and graduate student **Hsueh-Ping Meier** who had two designs accepted.

During judging for the Annual Mom's Weekend Fashion Show, CATWALKING, **Jessica Kuper** and **Ji-Yoon Kim** were selected as the Mollie Pepper Outstanding Student Designers. **I-Ching Liu** was named Outstanding in Design among graduate students. **Silihais Taverna** was selected to receive the Machine Embroiders of Oregon and Washington Award and **Sarah Ogle** was given the Design Achievement Award.

For the Mom's Weekend Juried Exhibit of Textile and Computer Aided Designs, **Rachel Killings** was named Outstanding CAD Designer and **Crystal Nerdrum**, Outstanding Textile Surface Designer.

The Mollie Pepper Outstanding Service Award of \$250 was earned by **Kate Stephenson** for several years of leadership as Financial Manager and a range of service activities while a three-year member of the International Textiles and Apparel Association Student Chapter. Recipients of the Bon Marché Scholarships of \$2500 were **Cheri Hollist** and **Alexis Duncan**. JC Penney Scholarships of \$500 each went to **Megan Zajac**, **Charissa Talarico**, **Jodee Huber**, and **Amber Holbert**. The AMID Elshe Fulfs Heinrich Awards of \$500 went to **Lisa Appel**, AMT and **Andrea Bowie**, ID. **Andrea Bowie**, ID, and **Christin Hamil** were named Outstanding Juniors.

Jamie Herring, ID Senior, took first place out of 68 entries from around the country, for the Ducati licensed

goods store designed as a problem, structured with all the steps and challenges encountered on a real project. **Jamie** also placed first (\$800) in the ASID Washington Chapter student design competition for her rendition of the interdisciplinary studio Agricultural Interpretive Center in George, WA. The competition invited students to select any project completed in their program of study for professional peer review. **Darci Rohrbach** received second prize (\$200) for a painterly design from senior studio, and **Tony Yim** won honorable mention for a furniture design from sophomore studio.

Our graduate students received several awards. At WSU Spokane, **Devin Fitzpatrick**, a 3-year M.A. in ID, recently was selected for an internship at the National Gallery in Washington, DC. Her design internship will focus on a reinstallation project in the West Building Gallery. At WSU Pullman, **Kyoko Miyamura-Nix** received the Washington State University 2002 Woman of Distinction Award and Edward E. Graff Scholarship in Home Economics. **Karalyn P. Kelly** took 2nd place for Humanities at the Wiley Exhibition for "Textile Competencies for Interior Designers: Issues of Responsibility between Education and the Profession." She also received Honorable Mention for a textile design from the International Design Guild and a \$1000 Margaret Hard Research Award. **Fawzi Al-Zamil** took 3rd place for Humanities at the Wiley Exhibition for "Kuwati Family Interaction in Traditional and Modern Houses."

BIOLOGICAL SYSTEMS ENGINEERING

Students present Software Product to Boeing.

Washington State University students who developed a computer program to help airline cargo handlers ensure that animals are transported safely presented

their work this spring to audiences that included Boeing officials. A second presentation in Seattle at the end of May was attended by several Boeing engineers and business specialists. The live-animal transport project was conducted as part of a yearlong, senior-projects course taught in the department by **Dr. Denny Davis**.

Cooperative Graduate Program.

The department has initiated cooperative efforts with the University of Concepción in Chile to offer a graduate program in water resources. The unique, cooperative program allows students from throughout Latin America and the Caribbean region to enroll in a Master of Science program at the University of Concepción (U of C) in Chillan, Chile, with the option of continuing for Ph.D. training at Washington State University.

Converting Biomass into Products.

Dr. Shulin Chen, Associate Professor in the department, received a grant and began working with WSU researchers to convert cull potatoes to lactic acid, a chemical that is used in food processing and has the potential to make biodegradable plastics. Chen's work could lead to decreased dependence on fossil fuels while providing new markets for Washington State potato farmers. Washington State University, University of Idaho, the Pacific Northwest National Laboratory, and the Idaho National Engineering and Environmental Laboratory are currently discussing a cooperative agreement to foster projects to convert biomass to products such as the one led by Dr. Chen.

Professor Denny Davis named American Society for Engineering Education Fellow.

Dr. Davis has been named a fellow of the American Society for Engineering Education (ASEE). The prestigious award is given in recognition of exceptional contributions to engineering education.

Only one-tenth of one percent of ASEE members in any given year receive the award. Davis is known nationally for his leadership in engineering instruction.

Distance Delivery Graduate Program in Agriculture.

The department has launched a successful distance delivery M.S. program in agriculture. This Internet-based delivery program is attracting the attention of an important number of students in the state and elsewhere, allowing students to pursue an advanced degree while continuing their employment and activities at their home location.

Awards.

Dr. Juming Tang received the 2002 CAHE Faculty Excellence in Research Award in recognition of his work that has established WSU as a leader in the use of microwave and radio frequency energy for thermal processing of food and postharvest treatment of fruits and nuts.

CROP AND SOIL SCIENCES

Roger Veseth was awarded the CAHE Faculty Excellence in Extension Award. Roger has served with the Crop and Soil Sciences Department at WSU for 15 years. STEEP (Solutions to Environmental and Economic Problems) has become the cornerstone of new advances and environmental stewardship due to Roger's programming. He has developed and holds an annual Direct Seed Cropping Systems conference that exceeds 800 in attendance every year it's held. Coupled with other STEEP programming, Roger's efforts have ushered in the greatest adoption of new sustainable agricultural cropping systems in the shortest amount of time known. Early in his career with the STEEP program he developed a PNW Conservation Tillage Handbook that has become the industry standard

reference for the wide range of issues dealing with conservation tillage.

Debra J. Marsh, a Secretary Senior, was awarded the CAHE Staff Excellence Award. Her primary responsibility is the support of Cooperative Extension specialist faculty assigned to her department. She is at the forefront in adapting multi-media and website innovations in her job. Her expertise in website design and implementation has made the department website one of the most functional and user friendly in the college. She maintains the CSS Multi-Media Facility that provides faculty and students with the ability to use digital technology for slide and poster presentations.

Vic DeMacon, Senior Scientific Assistant for the spring wheat breeding genetics program, was awarded the Administrative Professional Excellence Award. Five years ago he took sole responsibility for integrating early generation, end-use quality selection strategies into the breeding program to enhance market demand for spring wheat grain. Since then, he has personally evaluated thousands of experimental breeding lines for gluten strength, starch quality, enzymatic browning activity and milling and baking efficiency prior to field evaluation, which greatly improved the efficacy of the program. Much of his work was innovative and varieties released from the program are now in an end-use quality class of their own.

FOOD SCIENCE AND HUMAN NUTRITION

Dr. Barry Swanson was elected as a Fellow of the Institute of Food Technologists (IFT), the scientific society for food science and technology. Barry was recognized at the opening event of the annual IFT meeting, June 15, 2002, in Anaheim, CA. "Fellow" is a distinction bestowed on individuals with outstanding qualifications and experience for their contributions to the field of food

science and technology and for service to IFT.

Dr. Richard Dougherty was selected to receive the Northwest Food Processors' Association Distinguished Service Award. The award, for enhancing the viability of food processing businesses in the Northwest, was presented to Dick at the NFFA Annual Meeting in Portland, OR, in January.

The WSU Dairy Product Development Team's product, YoVe' (all natural blend of yogurt and vegetables), was selected as one of six finalists for advancement in the Institute of Food Technologists Product Development Competition, sponsored by M&M Mars. This is the first time WSU has been selected to advance in this prestigious competition. The team received \$1000 to help them pay for expenses over the next couple of months. The team prepared a large poster display, 22-page document, slide show, product and packaging, and traveled to the Annual IFT meeting in Anaheim, CA, in June. The team, consisting of student members **Shantanu Agarwal, Charis Groot, Sarma Manurung, Lisa Pitka, Kirti Sharma and Elly Soeryapranata** (all food science), is advised by faculty members **Stephanie Clark and Lloyd Luedecke**. Other members of the team were **Terri Nolan** (psychology) and **Todd Nolan** (finance).

HORTICULTURE AND LANDSCAPE ARCHITECTURE

Julia R. VanDiest and **Anne M. Hanenburg** were recognized as Outstanding Seniors in the department. Julia, a graduate in Horticulture, has been very active in the Hort Club and served as secretary in 2001. She has received numerous scholarships from the Hort Club and College. This summer Julia worked for Enfield Farms, Inc. as a quality control technician. Anne, a graduate in Landscape Architecture,

will be continuing her education pursuing a master's degree at either Washington State University or the University of Idaho. She received the following awards: Honorable Mention in the Interdisciplinary Design Institute Design Charrette of St. Luke's Rehabilitation Center, The Washington Association of Landscape Architects Junior Class Achievement Award in 2000, Washington Association of Landscape Architects Honor Award of the Coho Creek Commercial Development in 2001, and the 2001 Outstanding Student Employee Award at the Design Institute.

Other students receiving awards are: **Haley L. Jones**, Horticulture, received the ASHS Outstanding Undergraduate Student Award. **Greg Hoffman**, Horticulture and **Marc Lang**, Landscape Architecture, received the President's Award. **Deborah Baldwin**, **Allyson Bullard**, **Gregory Jones**, **Maren Kampfer**, **Julia VanDiest**, **Amy Gardner**, and **Anne Hanenburg** were all on the President's Honor Roll.

Horticulture has a new Viticulture and Enology option in Horticulture. The degree is extended to the Tri-Cities, with courses being taught via WHETS by **Kathleen Willemsen**, **Charles Edwards**, **Carter Clary** and **John Fellman**.

HUMAN DEVELOPMENT

Kimberly Bergstrom and **Sara Hausken**, both from Human Development, received the 2002 President's Award. This award is an honor bestowed annually on students who exemplify exceptional leadership and service to the university and the community.

Kimberly received the Consumer Sciences of the Year Award at the CAHE Award Banquet, April 13, 2002. She joins her husband, a doctoral student at the University of California-Davis, and will be working in the area with children and families.

Geneticist Fills Vogel Chair

BY TERENCE DAY

The first scientist to occupy the Orville A. Vogel Endowed Chair in Wheat Breeding and Genetics is a geneticist who supports Washington State University's wheat breeders.

Molecular geneticist **Kulvinder S. Gill** has been appointed to fill the Vogel Chair. The University of Nebraska-Lincoln scientist began his new duties August 15.

Gill's acceptance of the position ends several years of searching and negotiations with the wheat industry.

James Zuiches, dean of the College of Agriculture and Home Economics, said the position originally was conceived as a wheat-breeding position.

But, Zuiches said, "We have a strong team of wheat breeders, both in the university and ARS (Agricultural Research Service) and we didn't need to add another breeder. What we needed was expertise at the level of plant molecular genetics."

Gill will establish a research program in molecular and genetic analyses of traits that affect wheat development, productivity and quality.

Gill is credited with developing a new technique for faster sorting of wheat chromosomes while at the University of Nebraska. It will speed the process of locating all the important genes in those chromosomes.

Less than 1 percent of chromosome material contains genes—70,000 to 80,000 in all. But, only about 1,000 of the genes interest crop scientists.

Gill's contribution to the new sorting procedures wasn't the development of new technology. Rather, it was the application of relatively old technology in a new way, which allows scientists to sort batches of chromosomes to 95 percent purity. This results in a 60-fold reduction in lab work.

Scientists throughout the world consider the new technique a highly significant contribution to molecular genetics.

In effect, Gill shortened the highway that scientists have to travel to create higher-yielding, more nutritious wheat with qualities demanded by food processors and consumers.

Gill is a native of Punjab, the bread basket of India. He holds a bachelor's degree in agronomy and a master's degree in plant breeding from Punjab Agricultural University and a doctorate in genetics from Kansas State University.

The late Orville Vogel led the effort to introduce short-strawed wheats, which have 25 percent higher yields than the wheats they replaced. His research helped provide the foundation on which the Green Revolution was based.



AROUND THE COLLEGE

Chandra Crow was awarded the 2002–03 Margaret Hard Graduate Research Award in the amount of \$600. This award will be used to support Chandra's research.

Heidi Stanton received the 2002–03 Alberta Hill Excellence Award in the amount of \$750. This award supports research proposals that promote intercultural and diversity issues that have a global perspective. The Gay, Lesbian, Bisexual, and Allies Program Advisory Board recognized with pride and gratitude Heidi's contributions toward a positive and supportive climate at Washington State University. This award is a first for Human Development. She also received a \$500 scholarship from the Pride Foundation.

Dr. Paulie Mills received the R. M. Wade Teaching Award at the CAHE Awards Banquet on April 13, 2002. This award, established in 1964, goes to an outstanding teacher in the College of Agriculture and Home Economics.

Susanne Smith, WSU Vancouver, has been elected President of the Northwest Council on Family Relations for 2002.

INSTITUTE OF BIOLOGICAL CHEMISTRY

Bud Ryan was notified (4/11/02) that a paper he wrote with **Justin Scheer**, a postdoctoral student, was one of the top 20 downloaded articles published in the international journal **Analytical Biochemistry** in 2001. The paper's title: "A Method for the Quantitative Recovery of Proteins from Polyacrylamide Gels."

Adriana Parra, was named Graduate Student of the Year by the WSU College of Sciences for her work on the determinants of productivity in the symbiotic interaction between nitrogen fixing bacteria and alfalfa.

R. Eric Collins received a \$2500 NASA Space Grant Award and was

selected as College of Sciences Undergraduate of the Month.

Ann Patten, a graduate student, received a scholarship from the John and Maggie McDougall Memorial Fund.

NATURAL RESOURCE SCIENCES

Craig Scott, NRS Outstanding Senior in Forestry, has been accepted into the University of Idaho's Forestry program and has an assistantship with the program.

Jake Smulkowski, NRS Outstanding Senior in Wildland Recreation, has been accepted into the University of Idaho's Recreation and Tourism program and has an assistantship with the program. He is already in place and working on his master's.

Kristen Coles, NRS Outstanding Senior in Wildlife Ecology, worked in the field and plans on graduating this December.

PLANT PATHOLOGY

Dr. Iben Thomsen, Fulbright scholar from the Danish Forest and Landscape Research Institute, completed her nine-month sabbatical working in Dr. Gary Chastagner's lab. Gary is a faculty member in Prosser. While here, Iben worked on bud abortion problems in true firs and helped with Chastagner's Annosus root rot project. She also participated in several industry meetings and had the opportunity to learn more about the Christmas tree industry in the PNW.

Linda Thomashow, USDA-ARS Plant Pathology, was awarded a Fellow of the American Phytopathological Society in Milwaukee in August.

Lindsey du Toit received the Alfred Christianson Endowed Professorship, effective June 1, 2002, in support of her research and extension program

in vegetable seed science. The family of Alfred Christianson established the professorship to assist WSU in attracting and retaining a scholar/practitioner in vegetable seed science and to support research in vegetable seed science at WSU.

RURAL SOCIOLOGY

Annabel Kirschner, Professor and Chair, gave presentations at four Ukrainian universities from May 18 to June 10, 2002. This work was supported by a grant from WSU's History Department and funded by the U.S. State Department to help establish American Studies programs in Ukraine.

Don Dillman wound up his duties as President of the American Association of Public Opinion Research at the annual meetings in Florida, this May.

Dr. Kazuko Sato, from Kyushu University in Japan, is here for 6 months as adjunct faculty. She is working with **Ray Jussaume** on conducting research on cross-cultural rural food systems.

Look for the CAHE
Alumni and Development
Web site at:
www.cahealumni.wsu.edu

Child Care with A Difference

BY DENNIS BROWN

Why would anyone want to enroll his or her child in a child care program that provides service just 2½ hours, four days a week, for less than nine months of the year?

Quite a few people it turns out. There is a waiting list for a 70-year-old child care program in Pullman that provides service only four days a week during Washington State University's fall and winter sessions.

The care is provided by the Human Development Department's Child Development Laboratory.

What sets this child care program apart is its mission.

"We provide a service to families on campus and in the community who bring their children to us, but that is more of a secondary mission to us," said **Brenda Boyd**, CDL director. "Closer to the top of the list is training people who are going to be working with children and families and doing research on child development."

That's not to say the kids lack personal attention. Far from it, and that is one of the CDL's attractions. There are always four or five teachers in the classroom, sometimes more. And, they are responsible for a maximum of 18 three-year-olds who attend a 2½-hour morning session and 20 four-year-olds who come in the afternoon.

The teachers are human development majors who are working on early childhood specialties or future elementary teachers earning pre-school-through-third-grade certificates. Boyd and two human development instructors supervise the lab.

"Parents understand there will be student teachers working with their children," said **Adair Lawrence**, one



"Children need lots of opportunities for making choices about the things they want to learn and do."

"The teacher's role is to facilitate whatever the child is doing," Boyd said, "and ask those important questions that will move the child's thinking to a little higher level about what they are doing."

When the children arrive, they are given about 30 minutes to acclimate to their surroundings. Then they gather to tell stories, sing songs, or share things brought from home. "A lot of times, the children's work is showcased at that time,"

Lawrence said.

Work time, which is typically 1 to 1½ hours, follows. Depending on the week's curriculum, the children have a lot of choices.

In a rotating dramatic play area, youngsters get an opportunity to take on adult or fantasy roles. During the spring semester, future Neil Simons dictated plays to their teachers and then acted out the roles. The dramatic play area was later transformed into a veteri-

of the supervising instructors. "They also understand that their children may be videotaped and those videotapes might be used in classes that center on children's development."

Parents also are aware their children might be subjects of child development research. Parents get an opportunity to approve their child's participation in particular projects after research proposals are approved by the university.

One undergraduate collected data from teachers and parents on child temperament during the spring, Boyd said. Another collected data on a new snack procedure, including how many children ate snacks and what they consumed. This fall a graduate student will start collecting data on peer relationships.

Each day the youngsters get to choose from among a variety of play activities planned for them by their student teachers.

"Our philosophy is that children learn through play," said Lawrence.





nary hospital because of the children's interest in animals.

At the science table, children witnessed the life cycle of meal worms and planted seeds. Pens and pencils are available at the writing center where the alphabet is displayed. The children develop and practice emerging literacy skills. They not only learn how to form letters, but also about the usefulness of the printed word—how it helps them communicate with others. The children keep journals of their work. A reading corner provides children with a place to read or be read to.

Computers also have a place in the classroom. "We experimented this year with having children produce work, whether it is computer art with a paint program or word processing," Lawrence said.

Wooden blocks occupy another corner. Block play helps children learn some of the foundations of mathematics and science, such as counting, spatial relationships, symmetry, balance, and gravity.

A snack is served during this period. Children eat at their leisure, serving themselves.

After work time, the children go outside to play, but even that is play with a purpose. "What we do outside is based on whatever area of develop-

ment we are working on, such as looking for insects and then identifying them with reference books or working on throwing and catching skills with a ball," Lawrence said.

The children's day at the lab ends when they return inside.

What do children take home from the CDL experience?

"A lot of foundational skills," Lawrence said. "For these little guys, coming together as a group and learning how to navigate the social system that we call community is a huge task for them.

"I hope they go away feeling really good about themselves and as contributing members to a community of people where everybody gets to express their ideas in a kind and respectful way and everyone is heard."

Children also learn how to do some things for themselves. "They serve their own food at the snack table and pour their own juice. They get their own art materials. They display a lot of competencies that I think as adults we don't think they have yet."

Parents receive regular feedback. "Parents get a lot of information about their children," Lawrence said, "both daily and twice a year at parent conferences. I think that draws people to our program."

Until two years ago, the laboratory was located in White Hall. When White Hall was closed for conversion to a new use, the lab moved to temporary quarters in the Nez Perce Village Apartments. It reopened in the fall of 2001 in its new home in WSU's Children's Center.

The Children's Center also houses a child care program for dependents of students, staff and faculty. This program, operated by the Office of Student Affairs, offers full-day programming for infants through school-age.

The CDL's new classroom is equipped with a large state-of-the-art observation booth which is used by classes and researchers as well as parents. It is wired for sound so observers can listen to what is going on in different parts of the classroom.

Video cameras mounted in the ceiling record what is going on in the classroom and this fall these cameras will help link the facility with wired classrooms around campus.

"If you were teaching a class on child development and you were talking about pre-school motor development, you could say, 'Let's look at what some pre-schoolers look like as they are playing in the classroom,'" Boyd said.

So, why do parents choose the Child Development Laboratory?

"I think some parents are interested in the status of the university pre-school," Boyd said. "I think some send their children to us because it is in an academic setting and they think we are going to provide academic training for



their four-year-old. So, we spend a lot of time explaining why that's not developmentally appropriate.

"Once they get into the program, they stay because of the high quality of care we provide. We have the luxury of lots of staff because of the students. We have very highly trained supervising teachers so that we can provide a high quality experience.

"We don't meet the needs of families who need full-day child care because the parents are working. For whatever the reason, parents in our area are served by a half-day program and thus we manage to maintain a waiting list."

Department of Human Development

BY DENNIS BROWN

Human development is the study of how children, youth, adults and families develop, change and face challenges throughout the life span. A Bachelors of Arts in Human Development degree prepares students for successful careers in human services agencies and educational settings. The Department of Human Development provides campus-based learning and a distance degree program that permits students around the world to pursue a degree in human development from the comfort of their homes. Students may specialize in Early Childhood, Adolescence, Aging, Family Studies, Preschool through Third Grade Teacher Certification, or Family and Consumer Sciences Teacher Certification. The Masters of Arts program focuses on how research-based knowledge and methods can be applied to the design and evolution of effective education, prevention and intervention programs for children and families.

STUDENTS

- 255 certified majors at Pullman and 130 in Vancouver
- 9 graduate students

FACULTY

- 28 research, teaching and Cooperative Extension faculty in Pullman, Vancouver, Wenatchee, Spokane and Puyallup

RESEARCH

Faculty in the department are conducting research across the human life span on such topics as domestic violence prevention, early childhood education, aggressive behavior of adolescents, and fathers' relationships with their children.

EXTENSION

The department is the academic home of Cooperative Extension's 4-H youth development program, which has a statewide enrollment of more than 93,000 youth, and Cooperative Extension's parenting team, which delivers parent education programs across the state.

HISTORY

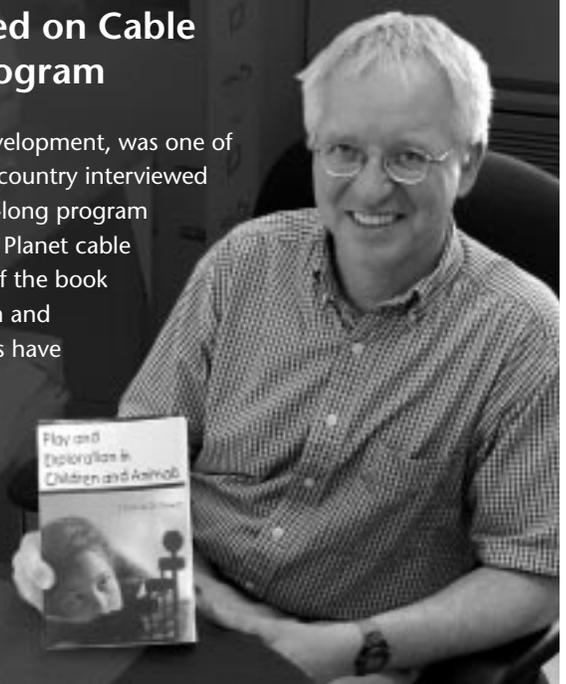
The Department of Human Development can trace its beginnings back to the formation of the State College of Washington in 1890. When the College of Home Economics was formed in 1916, three of its six departments contained academic roots of Human Development. The current department in the College of Agriculture and Home Economics evolved after the Departments of Child and Family Studies and Adult and Youth Education merged in the early 1990s. A Bachelor of Arts in Human Development degree was first offered in 1994. The degree was offered at WSU Vancouver in 1997, and approved as a distance degree program the following year.

MORE INFORMATION

For more information, visit <http://hd.wsu.edu/>

HD Chair Featured on Cable Channel Program

Tom Power, chair of Human Development, was one of a number of experts around the country interviewed on "The Power of Play," an hour-long program that aired May 11 on the Animal Planet cable channel. Power, who is author of the book "Play and Exploration in Children and Animals," says that recent studies have shown that play is not a waste of time. When children are given multiple opportunities to play during the day, they actually learn more in school because they come back to the classroom more attentive and more focused on material.





THE MASTER GARDENER PROGRAM

Thirty Years of Magic

BY BRENDA CONGDON

Bringing Communities Together

In Washington State, opposites boldly co-exist—rainy and dry, mountains and desert, urban and rural. Washington can be a thorny challenge or a gardener's paradise, depending on how you look at it. Yet, with the sharp contrasts come surprising and wonderful similarities. Even though the Skagit Display Gardens at Washington State University's Mount Vernon Research and Extension Center are separated from the Master Gardener demonstration garden in Kennewick by a range of mountains, it's amazing how each has profoundly changed its community in much the same way.

Master Gardeners with special talents and interests have worked as a team to create and maintain demonstration gardens for the public across the state. In turn, community members, from young to old, have come together to visit and support the gardens in a variety of ways. For some gardens, community members and businesses have donated time, building materials, gardening tools, and plants. The work in creating such gardens is fun and satisfying for Master Gardeners, but what they find most rewarding is the magical transformation in the community itself.

"There is hardly a day when children aren't playing in the garden," says **Jane**

Melville, Master Gardener in Kennewick. **Julie Powell**, Master Gardener in Skagit County, echoes the same sentiment about the demonstration garden in Mount Vernon. "It's amazing how many people walk through the garden or have picnics in the evenings," says Powell. "To be able to open the garden up to the public is very rewarding. It's fun to watch people in their amazement as they find out what a plant is."

Arlan Gadeken, planning coordinator of the Kennewick garden and Master Gardener since 1977, says, "Starting with a vacant, rocky and compacted ugly lot, and turning it into a commu-

nity garden has been worth the effort. It is not often that you get an opportunity to give something of value back to the community."

These gardens not only enchant the senses, they demonstrate how plants can grow and stay healthy in the driest or wettest of climates, how quality of life can improve for all community members through gardening, and how environmental issues can affect plant choice and gardening techniques. Demonstration gardens also reflect Master Gardeners' expertise and passions. **Melville**, for example, sketched the original plan for the Kennewick garden and



The Kennewick demonstration garden began as a rocky vacant lot.

brought to it her love of roses. "Each garden comes from a Master Gardener's particular love and expertise, and it really shows," says Melville. She says it has truly been a team effort. "The devotion these people have shown is just magical."

The Mount Vernon and Kennewick gardens are two of over sixty and serve as models for gardens and nurseries statewide. This comes as no surprise since the Master Gardener program, which turns 30 this year, has been revered nationally as the premier horticultural training program. Following its success in Washington, the program became a national model for similar programs in every state and in several Canadian provinces. In addition, the concept of the program is being adapted to other areas as well, such as the creation of Extension Livestock Advisors, Master Composters, Beach Watchers, Waste Warriors, and Master Food Preserver & Safety Advisors.

Master Gardeners' Grassroots

The Master Gardener Program began in 1972, as home gardening mushroomed. County extension agents in Washington State needed help with the overwhelming number of calls from people seeking answers to their questions about plant problems. **Dr. Arlen Davison**, a Cooperative Extension plant pathologist, and **Dr. David Gibby**, Cooperative Extension agent for King and Pierce counties, developed the concept of training knowledgeable volunteers, and in return, having them help answer questions from the public. WSU faculty began to train 120 volunteers to help with the influx of inquiries. Later that year, Spokane County trained 50 more volunteers, establishing the program statewide. Now there are over 3,100 volunteers across the state. Master Gardeners staff plant clinics in 105 communities at 171 locations.

Ed Adams, Director of Agricultural and Natural Resources at WSU-Spokane, says, "The Master Gardeners are always

on the forefront. They stay ahead of what's happening because they are always connected with university faculty and current research and they are dedicated to what their local communities need." Adams adds, "It's successful wherever we go."

Rod Tinnemore, State Extension Coordinator of the Master Gardener program, says, "Even though our program has expanded from diagnostic



A visitor to the Kennewick demonstration garden.

plant clinics to community development programs, such as teaching low income families how to grow their own food and providing horticulture therapy for the elderly, our basic philosophy has not changed over the years. We still offer science-based horticulture information."

Master Gardeners receive about 60 hours of training from WSU specialists and "give back" a minimum of 50 hours of free public service in horticultural assistance to the community. Many volunteers contribute well over 50 hours yearly and some have served actively in the program for over 20 years. They

are part of the volunteer force that helps over 300,000 people each year. Washington communities have come to rely on the Master Gardener program for expertise and services which are not available elsewhere. In 2001, volunteers contributed 182,184 hours valued at \$2,882,150.

Some think the program is only about people learning how to garden in their backyards, but Adams emphasizes it is much more than that. "University faculty offer the latest in research on critical issues, such as water quality and conservation. Some of the Master Gardeners volunteer in schools to help students learn about and develop a love for plants, while others build and care for demonstration gardens and strengthen their communities by showing people how to protect the environment."

Adams says, "We would never want to lose the vital link between the university faculty and research and the community. Without the Master Gardeners, we would lose the ability to bring that critical knowledge base to the community and address local problems."

Julie Powell, a former garden nursery manager and Master Gardener since 1990, says, "If there was no Master Gardener program, the extension agents would be overwhelmed, and WSU would lose a tremendous amount of contact with the public."

Happy 30th...and Many More

For its 30th anniversary, the Master Gardener program and the state of Washington have much to celebrate. The Master Gardener program is one of Washington State University's most influential outreach programs to communities. A "Founders Celebration" is planned for July 20, 2003, to honor the program's founders and longtime volunteers.

Along with the celebrations to be held in various counties around the state, the Master Gardener program plans to reveal a new logo and central Web site. Tinnemore says, "This will

be a central resource for Master Gardeners across the state. It will also serve a public relations function as the 'front door' to the program and help bring Master Gardeners into the awareness of the public." If they wish, donors will have the opportunity through the new central site to give to their county's Master Gardener program. The central Web site, mastergardener.wsu.edu, will be ready in late fall of 2002 and will provide 30th Anniversary details.

In addition, as part of the 30th celebration, the WSU Master Gardener program is spearheading an effort to compile Master Gardeners' secrets and tips from around the nation. Sunset Publishing Corporation will promote the publication.



The new Master Gardener logo incorporates the original flower design created in 1973.

Endowments

Fundraising plans are also underway, especially in light of recent state budget cuts. "The way the economy is now, to grow the program, we have to look into private funds" says Tinnemore. "The Master Gardener program is one of the best and most hard-working uses of public funds. For every dollar invested, there is an army of volunteers who, in turn, are able to get private funds and in-kind donations." Adds Tinnemore, "All of this effort goes directly back into local communities."

According to Tinnemore, what is especially needed are endowments for the growth of the program. "Faculty who have trained the volunteers are retiring, so it's important to endow

training positions to keep the program strong in the future." The current fundraising goal is to raise ten million dollars.

The Center for Urban Horticulture

Another important fundraising effort is to rebuild the Center for Urban Horticulture located on the University of Washington campus (see "From the Ashes: WSU Cooperative Extension's Master Gardener Resource Center," on page 13). The Center was destroyed during an arson fire set by the Earth Liberation Front in May 2001. WSU Extension and the Master Gardener program suffered tremendous losses from the fire. The Center for Urban Horticulture housed the WSU King County Master Gardener program.

A Bright Future

Commitment to the Master Gardener program runs deep. Tinnemore says, "What has been most rewarding for me as a coordinator are the people. They are very generous, creative, caring and big-hearted. They are really making a difference in the communities where they live. I'm proud to be associated with them."



Artist rendering of the lobby of the new Center for Urban Horticulture.



Future Master Gardener volunteers receiving training. Each will return a minimum of 50 hours of free public service to their community.

Adams, whose father was a founder of the Master Gardener program, says, "My dad inspired me to be in extension service in the first place, but I've always enjoyed working with the Master Gardeners. You can't get with a more exciting group of people."

For the Master Gardeners themselves, it's the opportunity of a lifetime—to be able to share their enthusiasm, passions, and expertise with their communities. Jane Melville, 72, and a Master Gardener since 1993, is full of energy and laughter. "I love creating beauty and sharing it," says Melville. And, indeed she has done just that with over 500 roses in the demonstration garden in Kennewick. "It's starting to look like a rose garden now. I get so thrilled about every little

tiny bloom—people will ask, 'what's that?' It's so exciting!"

For **Dorothy and David Evans**, retired agronomist, and Master Gardeners since 1999, it's continuing to do what they love to do—and to share their knowledge with others. "It's the people and the activities, and the fact that you're constantly learning," says Dorothy. "We go 35 miles back and forth to classes. We try not to miss any unless we're out of town. So there must be something!"

From the Ashes:

WSU Cooperative Extension's Master Gardener Resource Center

BY BRENDA CONGDON

A fire on May 21, 2001, destroyed more than a building. The Center for Urban Horticulture in Merrill Hall was the home of the WSU King County Master Gardener program. **Mary Robson**, horticulture extension agent for King and Pierce counties, says, "WSU Extension lost its horticultural library, files for all of its horticulture projects, teaching materials for the School and Youth program and our Urban Food Garden materials." The Urban Food Garden program teaches low income families how to grow good food.

The role of the center has been to provide a link between scientists, professionals, and the gardening public. Faculty from Washington State University train Master Gardeners who assist residents of King County and many other areas of western Washington.

Robson says, "What WSU Master Gardeners provide includes plant problem diagnosis and plant management.



A crane removes part of the charred roof from the Center for Urban Horticulture, home of the King County Master Gardener program. The Center was destroyed by an arson fire.

There's been no other way for the Center for Urban Horticulture to accept a plant specimen from a community member."

Fundraising is now underway to rebuild and equip the new WSU Cooperative Extension Master Gardener Resource Center at CUH by Spring 2004. Top priorities for the center include a diagnostic clinic, a learning resource center, distance education, and youth gardening and stewardship education in collaboration with local schools and 4-H.

From the disaster of the fire, new opportunities have arisen. **Kori Thol**, CAHE west side major gift officer, says, "This is a great opportunity for Washington State University to expand its partnership with the University of Washington and increase awareness of the wonderful Master Gardener program, which WSU founded."

The new center will be designed to meet the needs of the community with improved accessibility. Opportunities to expand the educational and training components of the center will increase. Thol says, "The state-of-the-art diagnostic center will be the only one of its kind in the state, and the distance learning center will promote horticulture education at all levels."

WSU has established The Center for Urban Horticulture and Master Gardener Advanced Training fund for gifts and donations. To date, the Seattle Foundation has pledged a lead gift of \$25,000 to assist with technical equipment, and private donors have contributed about \$40,000 for center space. The goal is to raise \$250,000. Ways to contribute include one-time and annual gift-giving; bequests to the center through a will; or in-kind gifts such as gardening tools, plants, and materials for teaching and training.



The Center for Urban Horticulture's goal is to raise \$250,000 to assist rebuilding and outfitting the center. Improvements will include a diagnostic clinic, a learning resource center, distance education, and youth gardening and stewardship education.

Robson says that in addition to reaching a large volume of Master Gardeners in King County, "the WSU Resource Center at CUH will allow the Master Gardener program, born in the 20th century, to progress firmly into the 21st."

How to Give

Contact: Kori Thol
kori@gocougs.wsu.edu

All contributions will be handled through Washington State University in Pullman.

Please send contributions to:

College of Agriculture and Home Economics
Alumni and Development Office
Washington State University
PO Box 646228
Pullman, WA 99164-6228



Washington State University Historic Pavilion

Save The Old Pavilion Restoration Project

A BRIEF HISTORY OF THE PAVILION

The Pavilion was originally built as the Judging Arena and has stood the test of time. Here are a few interesting facts about the Pavilion.

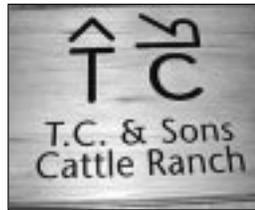
- Built in 1933 from first growth timber.
- The last of our agricultural buildings from the early days of Washington State University—still in use!
- Serves many student organizations and activities including the Back to School BBQ, Swine Sale, and Horticulture Club's plant sales.
- Classes have been held here for nearly 70 years.
- Contains restroom facilities for Rugby field.
- Is a piece of the College's Land Grant History.

FUTURE PAVILION PLANS

Following the **Save The Old Pavilion (STOP)** Campaign, the building, which was to be demolished, is now being restored. A committee was formed by Agriculture and Home Economics Student Senators with the help of the CAHE Alumni and Development Office to establish an endowment that will be used to further remodel and maintain the Pavilion. In the future we hope to use the Pavilion to host banquets, hold club meetings and activities, and have a place for students, staff and faculty of the College of Agriculture and Home Economics to gather in a social atmosphere.

GIFT OPPORTUNITIES

There are numerous ways in which you can contribute to the restoration of the historic pavilion. Here are a few options:



DONOR PLAQUES

An area in the Pavilion will feature friends of the Pavilion. Donors who contribute will have their name and a brand of their choice on display.* Individuals can display either their ranch brand or the Cougar emblem.

Donor Plaque \$500.00
(2 lines of text and brand or Cougar emblem)



PAVILION WATER COLOR PRINTS

Created by Robert Krikac, prints of this water color depict the newly restored Pavilion in its original appearance. As a limited edition, each print is numbered and signed by the artist.

Limited Edition Pavilion Print \$125.00



AUTHENTIC PAVILION PENS

Made from the original wood of the Pavilion, these pens feature the name "Washington State University Pavilion" and a Cougar emblem. You also have the option of purchasing a matching pen box made of the same wood, also decorated with the Cougar emblem.

Authentic Pavilion Pen \$75.00
with a matching engraved box \$125.00

PAVILION MEMENTOS ORDER

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Telephone: _____

E-mail: _____

Method of Payment: Check Visa MasterCard

Credit card # _____ Exp. Date _____

Signature _____

Please mail to: CAHE Alumni & Development Office, Washington State University, PO Box 646228, Pullman, WA 99164-6228. Questions? Email nitcy@wsu.edu or call 509-335-6479.

Item	Qty	Price	Subtotal

Order Total: _____

(Purchases are tax deductible as defined by law)

*If you would like to order a donor plaque, a separate order form is necessary. Please return this form and we will send you the information required.

ALUMNI SPOTLIGHT

Janine Brown Receives CAHE Honor

Internationally renowned research physiologist **Janine L. Brown** was honored at a reception March 26 in Pullman as part of the College of Agriculture and Home Economics' observance of Women's History Month. Brown, who received both her M.S. ('80) and Ph.D. ('84) in animal science at Washington State University, is the senior endocrinologist at the Smithsonian Institution, National Zoological Park Conservation and Research Center in Washington, D.C. Regarded as the world's foremost authority on elephant reproduction, she gained national media attention with the successfully completed artificial insemination of a captive Asian elephant, Shanthi, who delivered a 325-pound male calf November 25, 2001.

Brown furnished the reception attendees with a highly educational

presentation of her research involving a non-invasive hormonal monitoring method, allowing scientists to understand animal reproductive cycles, both in the wild and in captivity.

"Many females of reproductive age are not exhibiting normal estrous cycles," says Brown. Early data indicates there are both physiological and behavioral causes for the changes in breeding cycles.

A former graduate student of **Jerry Reeves**, professor of animal science, Brown conducts hormone analyses of blood samples for more

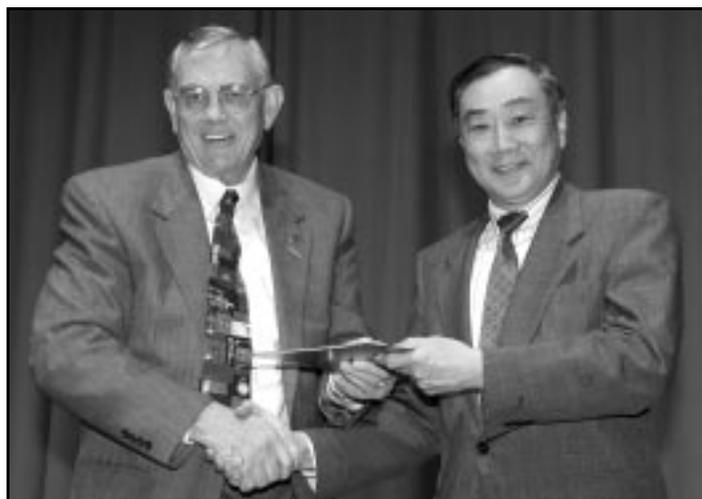
than three dozen zoos. In addition, she has played a vital role in rallying zoos around the world to monitor the reproductive activity in elephants and serves as reproductive advisor to the Elephant Species Survival Plan.



Janine L. Brown receives a plaque of recognition from CAHE Dean James Zuiches.

Joseph Jen Receives Graduate Alumni Achievement Award

On April 16, Washington State University celebrated one hun-



Joseph Jen receives alumni achievement award from WSU President V. Lane Rawlins.

dred years of offering graduate education by recognizing individuals from each college who have excelled in their careers. The College of Agriculture and Home Economics was pleased to have **Joseph Jen** as it's representative. Jen, approved by the U.S. Senate on July 12, 2001, as the USDA Under Secretary for Research, Education, and Economics, received his master's degree in food science from WSU in 1964.

Jen, a widely recognized agricultural scientist and educator, has served since 1992 as the

Dean of the College of Agriculture at California Polytechnic State University, San Luis Obispo.

He has experience in both the public and private sectors, including service on the faculty of three land grant institutions and director of research at the Campbell Institute of Research and Technology for the Campbell Soup Company.

Jen received a bachelor's degree in agricultural chemistry from National Taiwan University in 1960 and a doctorate in comparative biochemistry from the University of California at Berkeley in 1969. Jen also has a master's in business from Southern Illinois University. In 2000, he served as a member of the U.S. delegation to the U.S. Japan Millennium Study.

Jen and wife Salina were very excited to revisit the Pullman campus where they met. Both agreed that several changes have occurred since 1964.

ALUMNI NOTES

George Wilson (M.S. Horticulture '64), earned Ph.D. in Postharvest Horticultural Science from Michigan State University in 1969. Following 9 years as Research Postharvest Physiologist for Chiquita International, Ltd., in Honduras, joined Horticultural Science Faculty at North Carolina State University in 1975. In 1997, was appointed Coordinator of International Agricultural Programs for NC State and in May 2002, became Vice Provost for International Affairs. In August, 2002, he became President of the American Society for Horticultural Science. Married to Claudian Cochrane in 1962, they are parents of 3 adult children and three granddaughters. He will maintain professorship in NC State's Horticultural Science Department.

Monte Russell ('89 Landscape Arch.), wife, **Shelly (Simmons)** ('91 Communications) and daughter Megan Nicole welcomed baby boy Ryan Mitchell into the family on March 28, 2002.

Dana Erickson Repp ('00 Ag. Econ.) married Aaron Repp on March 9, 2002. They live in the Dusty, WA, area where Aaron farms and Dana works for the Colfax branch of the Bank of Latah.

Sarah Marie (Hager) Mace (B.S. '00) married Jeffrey Mace, a mechanical engineering student currently at BSU in the summer of 2000. Sarah is marketing manager at Sapidyne Instruments, Inc., a biotech instrument manufacturing firm.

Terry Mathews (B.S. '76) has remarried. Her new name is Terry Driggs. She is currently employed part time as a veterinary technician in Centralia, WA.

Jeff (B.S. '91) and **Katie (Odenrider) Rosman** (B.S. Ag. Econ. '93) welcomed their third son, Matthew Jeffrey, on October 14, 2001. He joins two older brothers, JD (6) and Brent (4).

Elena (Barichievich) Stowell (M.S. '90) teaches biology at Kentwood High School in Covington. This year she was named the Outstanding Biology Teacher in Washington State by the

National Association of Biology Teachers.

Kim (Cooper) Wolfrum (B.S. '93, DVM '99) of Grangeville, ID, welcomed first child Katrina on February 10, 2001.

Joseph C. White ('70 Plant Pathology) is senior Vice President of quality for Cardinal Health and Pharmaceutical Technologies and services business segment. Has global responsibility for quality assurance for more than 35 manufacturing, packaging and development facilities on 5 continents.

Heidi Records ('97 Ag. Education) and **Jim Shattuck** ('96 Animal Science) were married August 11, 2001. She is a high school agricultural education teacher. He is employed by the South Columbia Basin Irrigation District. They live in Pasco with their new baby.

Bingfan Ke ('02 Ph.D. Ag. Econ.) has accepted an analyst position with Radian Guaranty, an insurance company headquartered in Philadelphia.

Eivis Petrela ('02 Ph.D. Ag. Econ.) accepted a position as Assistant Professor at Cal Poly-San Luis Obispo.

Genevieve Briand ('02 Ph.D. Ag. Econ.), accepted a position as Assistant Professor in Economics at Eastern Washington University.

Eric Siebens ('02 Ph.D. Ag. Econ.) accepted a position with the National Agricultural Statistical Service in Montana.

Chotipa Sakulsingharoj (Ph.D. '02) worked in Tom Okita's laboratory in the Institute of Biological Chemistry on Genetics/Cell Biology. Her research involved the manipulation of starch and storage protein synthesis in rice seeds. She has taken a position as Lecturer at Maejo University, Chiang Mai, Thailand.

Dawn Little (Ph.D. '01) worked in Rod Croteau's laboratory in the Institute of Biological Chemistry in Biochemistry. Her research involved the alteration of product formation by directed mutagenesis and truncation of the multiple-product sesquiterpene synthases. She is currently at the Institute de Botanique in Strasbourg, France.

Arthur Roberts (Ph.D. '01) worked in David Kramer's laboratory in the Institute of Biological Chemistry. His research involved utilizing EPR spectroscopy to probe the mechanism of electron transfer in photosystem II and the cytochrome b_6/f complex. He is currently a postdoctoral student in David Kramer's laboratory.



Hambeltons represent three generations of WSU grads. Pictured left to right: Harold F. Hamblton ('49 Hort.) with son David W. ('75 Landscape Arch.) his wife Marilyn (Huffstodt) ('77 Liberal Arts) and their daughter Teresa A. ('02 CBE)

SHARE YOUR NEWS WITH CLASSMATES

What have you done recently? Share your news with classmates by filling out the form below and mailing it to: Connections, CAHE Alumni & Development Office, Washington State University, PO Box 646228, Pullman, WA 99164-6228. Or, e-mail your information to: nitcy@wsu.edu. **Please type or print clearly.**

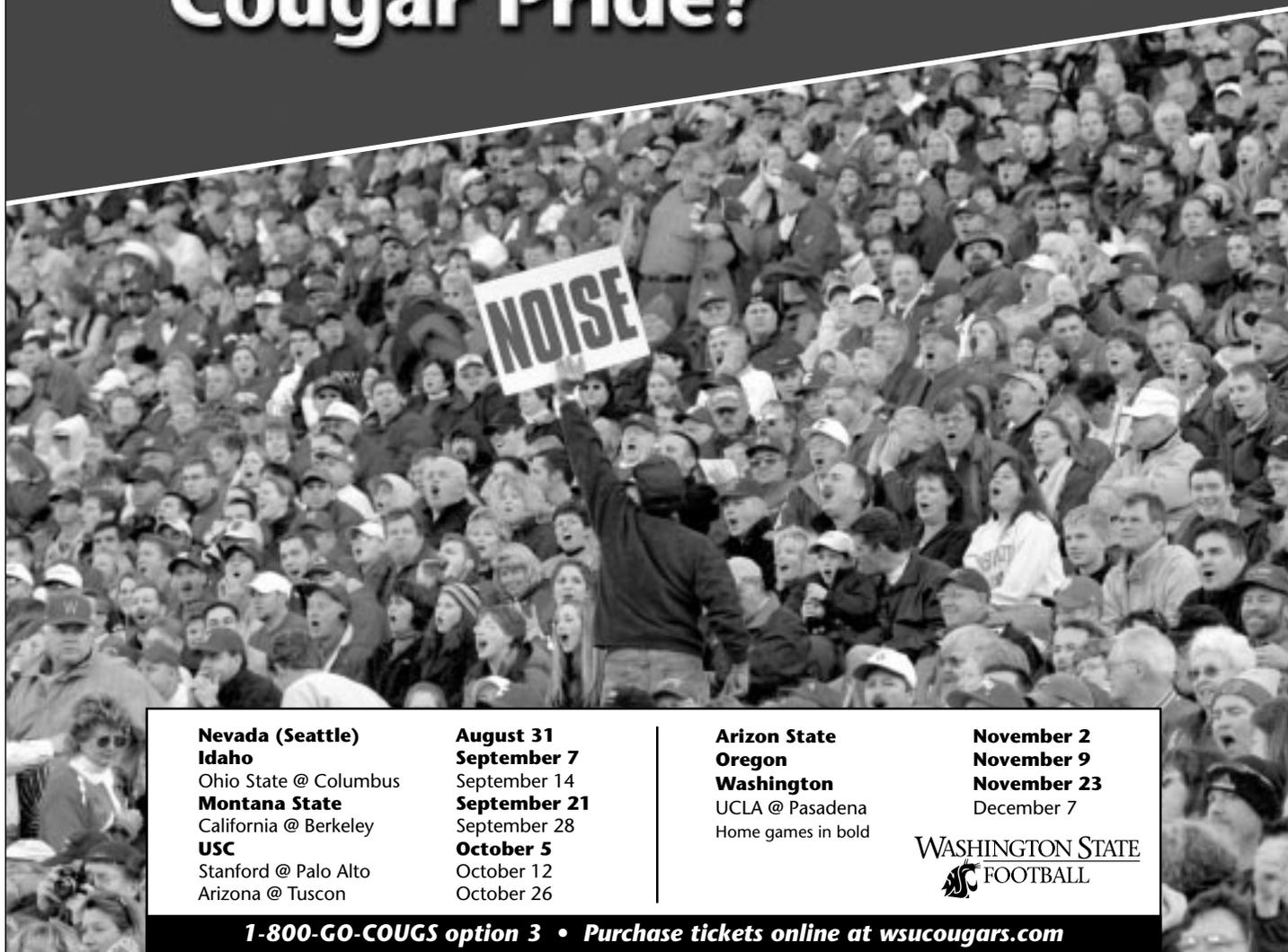
Name: _____ Year of Graduation: _____ Major: _____

Address: _____ City: _____ State: _____ Zip: _____

Telephone: _____ E-mail: _____

Your News: (Use additional paper if necessary)

How Do You Show *YOUR* Cougar Pride?



Nevada (Seattle)
Idaho
Ohio State @ Columbus
Montana State
California @ Berkeley
USC
Stanford @ Palo Alto
Arizona @ Tuscon

August 31
September 7
September 14
September 21
September 28
October 5
October 12
October 26

Arizon State
Oregon
Washington
UCLA @ Pasadena
Home games in bold

November 2
November 9
November 23
December 7

WASHINGTON STATE
 FOOTBALL

1-800-GO-COUGS option 3 • Purchase tickets online at wsucougars.com

IN MEMORIAM

Thomas Onstot ('29 Forest Mgt.) died November 19, 2001, in North Shoreline. He worked for the U.S. Forest Service in Georgia and Tennessee and for USDA in the western states.

Ramon Kent ('31 Ag.) died December 1, 2001, in Lacey, WA. Worked for Soil Conservation service for 35 years.

James Johnston ('34 Hort.) died December 2, 2001, in Oroville, WA. Spent career in Cooperative Extension in both King and Clark counties from 1936–1976.

Stanley Swartze, ('37 Agriculture) died December 28, 2000, at his home in Edmonds, Washington.

John Lawson ('50 Ani. Sci.) died December 21, 2001, in Kent, WA. John graduated from University of Washington Law School in 1957. He was Redmond city attorney for 20 years and served in King County's Northeast District Court.

Robert Wallenstien ('50 Ag. Ed., '68 Ed.D.) died February 6, 2002, in Moses Lake, WA. Robert taught at Kalama High School and Centralia Junior College. He served as Dean of Instruction at Spokane Community College from 1965–1968. President

of Big Bend Community College, 1968–1977.

Richard Ballard ('51 Ag.) died November 7, 2001. Richard retired in 1995 as manager from Puregro Co. He worked as field man for U & I Sugar, sold fertilizers and agricultural chemicals.

Jack Hochhaus ('52 Hort.) died October 1, 2001, in Ridgefield. He worked for Allied Signal for 25 years and at Wolfkill Feed Fertilizer for 10 years.

Darlene Braune ('56 Home Ec.) died January 6, 2002, in Spokane, WA. Darlene retired from Washington Water Power in 1983.

Dorothy Halvorson ('62 Home Ec.) died January 20, 2002 in Pullman, WA. As a WSU Home Economics staff member, Dorothy taught lab classes and did food research.

Marsha James ('66 Clothing & Text.) died October 10, 2001, in Coeur d'Alene, Idaho. Marsha was a former Wenatchee Extension agent, pursued interior design interests and edited Rosauer's magazine, *Aisle One*, until 1987.

Dr. Joseph Cvancara, Professor Emeritus, Agricultural Education, died June 18, 2002, in Vacaville, California.

CAHE Benefactor Dies

Melvin Camp, of Spokane, died August 24, 2002. A 60-year resident of LaCrosse, he and his wife Donna farmed just east of LaCrosse for more than 40 years. He served on the boards of the LaCrosse Grain Growers and the Conservation District and was a 4-H leader for more than 20 years.

Mr. & Mrs. Camp were named Benefactors of Washington State University because of their generosity to the College of Agriculture and Home Economics.

Survivors include his wife; two sons, Steve Camp of LaCrosse and Alan Camp of Washtucna, Wash.; two daughters, Nancy Whicker of Tok, Alaska, and Leanne Hibbard of Pullman; a brother, Ortho Camp of California; 12 grandchildren and four great-grandchildren.

Co-founder of Berg Brothers Endowment Fund dies

Stanley Berg, long-time CAHE supporter died May 2, 2002, in Tonasket, Washington. He and his brother Ernest created the Berg Brothers Endowment Fund which provides tuition support for CAHE students, particularly those enrolled in animal science.

The brothers were raised in Yakima, Washington, where their father Ernest F. Berg, Sr. was a farmer who ran sheep in the winter and packed in the summer. The Berg brothers worked with and for their father.

Following difficult times during the depression, the Berg Sheep Company was formed in 1945 when the brothers, along with their father, purchased their first

herd of sheep. In 1952, they acquired a ranch in Okanogan County. At that time, the brothers bought out their father and thereafter ran their operations under the name of the Berg Brothers. Over the years, they ran cattle on their land and continued to acquire registered land located on the Colville Indian Reservation. By 1983, the Berg Brothers had ceased their full-time ranching operations. In 1994, they sold the registered land to the Colville Indian Tribe, at which time they owned the largest tract of privately held land on the reservation. The Berg Brothers sold their ranch in 1995 and officially retired.

PRIVATE GIVING

Jean (Thornton) Ferguson Graduate Fellowship in Viticulture/Enology

Jean D. Thornton graduated from Washington State College in 1946 with a bachelor's degree in home economics. Jean's father, Guy E. Thornton, was a 1915 WSC engineering graduate and faculty member. Her sister, Virginia M. (Thornton) Brown, and her brother, Guy E. Thornton, Jr., also earned degrees from WSC.

Jean taught home economics in Walla Walla, where she met Baker Ferguson, at that time a professor of economics at Whitman College. They retired from teaching, married and ran the executive office of the Pacific Northwestern Ski Association until returning to the banking business in Portland, Oregon. Jean and Baker have one child, daughter Megan Ferguson Clubb.

As retirement from the banking business approached, Baker began to absorb the characteristics of wines produced with different grape varieties from Walter Clore, early WSU authority on viticulture, while Jean went off to a series of summer quarters and seminars offered by the University of California at Davis until she was a trained wine maker.

Jean and Baker acquired an out-of-service and elderly schoolhouse in Lowden, a few miles west of Walla Walla. After extensive reconstruction, including the addition of a third floor, it became both their winery and residence and remains the signature feature of today's much-expanded facility.

The area surrounding the Lowden building was the center of settlement for French-Canadian employees of the Hudson Bay Company in the earliest days of non-Native American settlement. It was called Frenchtown decades before it became Lowden. Hence, Schoolhouse No. 41 was converted to French, becoming L'Ecole No. 41. This apt coincidence became the essence of the winery's mystique.

Son-in-law Marty Clubb graduated from Texas A&M with a bachelor's

degree in chemical engineering and met Megan Ferguson while they were both en route to a master of science degree in finance at MIT. In 1989, the Clubbs acquired L'Ecole and Marty made the wines with some assistance from Jean during the 1990 crush.

L'Ecole No. 41 Winery enjoys a worldwide reputation for the quality of its product as well as the charm of its quarters. Much of this is attributable

to the talents of successors possessing management and enological skills. Nonetheless, those qualities are due in no small measure to Jean's skills in renovation and winemaking.

Jean Thornton Ferguson died November 25, 1998. In loving memory of Jean, Baker Ferguson established a graduate fellowship in enology through the College of Agriculture and Home Economics.

"Sincerity, Simplicity, Humility and Gentleness"

These words form the credo for the unique life of **H. Delight Maughan** whose children gathered with their spouses in Pullman, April 6, 2002, to commemorate a bench in honor of their mother, the former chair of Foods and Nutrition.

The family, brothers Paul ('58), David ('64) and Lowell ('66) and sisters Sally Kilpatrick ('59), Patty Wixon and Judy Busch ('69), shared moving tributes and loving memories of their mother, who, when her husband Orlo died in 1947, was left with six small children to raise. The Pullman community helped the family and provided odd jobs for the children. This young mother persevered and reached high levels of success, which remain as a testament to her character and an example for many to follow.

Orlo Maughan had been instrumental in the development of the Agricultural Economics Department and had served as one of its first chairs.

Delight Maughan had a profound impact not only on the lives of her children, but on their spouses who also paid tribute to their mother-in-law. Words were spoken by Karen ('59), Kathleen Gleeson ('86), Linda (Paul, David and Lowell's spouses, respectively) Vincent Wixon, Timothy Busch ('69) and Michael Kilpatrick ('59).

She also greatly influenced the Pullman community and the lives of international students who were welcome guests in her home and considered her their second mother.



The Maughan siblings gathered around the memorial bench. Standing left to right: Lowell Maughan, Patricia Wixon, Paul Maughan, and David Maughan. Seated: Judy Busch and Sally Kilpatrick.

The bench, made of Pennsylvania bluestone, is located next to Honors and Scholars Hall (formerly White Hall). It is engraved with her life's philosophy, which she embraced at the early age of 21, "Sincerity, Simplicity, Humility and Gentleness."

In addition to the funds donated for the bench, the family has contributed to the Orlo & H. Delight Maughan Scholarship.

PRIVATE GIVING

Food Science Student Activity Endowment

The Department of Food Science and Human Nutrition is very pleased to announce that the new Food Science Activity Fund has reached the amount of support required for us to endow this fund. The sources of support for this fund were created by combining a variety of donations including the Ed Olson Family upon his death; the supporters of Marc Bates and Lloyd Luedecke, upon their retirements; Bill Marler, WSU

Regent; the Washington Food Protection Association; individual contributions and one major anonymous donor. The fund now is above the \$25,000 level, required to form an endowed fund from which we can spend the interest yearly.

The purpose of the fund is to support Food Science student activities including the Dairy Product Evaluation Team, the Dairy Product Development Team, student travel to conferences, and student travel to visit processing plants. The focus will be on under-

graduate student support. Contributions to this newly endowed fund are still being accepted and support can be sent to the CAHE Alumni and Development office. Checks should be made out to the Washington State University Foundation, stating they are for the Food Science Activity Fund #72463104.

A committee, with Lloyd Luedecke taking leadership, will determine how the Scholarship and Awards Committee should handle the distribution of the funds each year.

Letters to The Editor

I have just read with interest the story on the Livestock Judging Pavilion. I spent many hours there as a student under Dr. Ensminger, judging, helping with Field Days and at one time even working Saturdays butchering hogs.

I would like to call your attention to the picture in the article showing Bing Crosby and son. Dr. Ensminger is to the left showing the fine points to the group. The Hereford is not a steer, but one of the college's herd of young bulls. When I was in school (1944-48), WSU maintained a show string of Hereford, Angus, and Shorthorn cattle.

It is indeed a credit to the University to preserve and use this building.

Ester J. McDonald
Animal Husbandry '48

4-H Responses

We received an overwhelming response to the article on the 100th anniversary of 4-H and we thank everyone who sent in letters (copies were sent to the state 4-H office).

Unfortunately, space does not permit us to print each letter in its entirety. Following, however, are excerpts from some of the letters.

"4-H was a big part of the community of Orchards in the 1930-50's. My mother was involved as volunteer, and leader. I was involved as member, leader, and volunteer. A number of the group members went to WDC, participated in the fairs in Yakima, many attended 4-H club camp in Pullman. We all participated in the local county fair, directed by county 4-H leaders and county extension staff, one of our members became the first fair queen."

Dorothy J. Watson
Home Ec '44

"To think back to World War II years, I remember when in Pierce County, we had gas rationing and my family was raising breeder flocks of chickens and selling hatching eggs. We belonged to the Lively Lads and Lassies 4-H club in Graham, WA. In 1944 the 4-H kids in Pierce County decorated a float for the Daffodil Parade. LOTS OF GOOD MEMORIES."

Shirley Prouty
Home Ec '53

"I was a county extension agent in Whatcom County from 1936-1941 and from 1941-1946 in Island County.

In Whatcom County, I had 600 4-H members. In Skagit County, I had several hundred members. In Island County, about 150 members.

Also, had own club in Lewis County while I was on my farm from 1949-1955."

Harry D. Gleason
Ag '35

"One of the highlights of my 4-H years was attending 4-H Conference at Washington State University every year for 4 years. At that time, we could ride the train to Pullman from Bellingham. It was exciting getting to know the campus and stay at Regents Hall. The familiarity with the WSU campus was one factor that led me to go to WSU to earn my undergraduate degree in Sociology and Masters in Adult and Continuing Education.

The 4-H program has changed a lot from what it was when I was in it, and I am glad to see that the Program is changing with the times. I always like to look at the 4-H projects at the fair and see what the young people today are accomplishing."

Claudia Allen
BA '82, MCE '87

2002 Diamond Grads



Back Row (left to right):
Joe Beckman, Bob Dennis,
Fred Herres, Fred Schreck,
Jim Izett, Kirk Athow,
Jean Olsen.

Front Row (left to right):
Wilmerd Heinemann,
Jack Schafer, Marian Salt,
Blanche King, Jack Meiners,
Steve Stevenson.

First Row (Seated, Left to Right): Dorothy (Riley) Smith, Jane (Laney) Wiggins, Bev (Bracket) Wanner, Glenn Leitz, Art Ries, Charlotte (Hamilton) Johnson, Dale Johnson.

Second Row (Left to Right): Donna (Combes) Rico, Don Smith, Darlene (Erikson) Turner, Glen Hallenga, Peggy (Evers) Emtman, Ruth (Wolverton) Davenport, Mary Lou "Charlie" (Kreps) Shattuck, Richard Webb, Sam Langmas, Marilyn (Smith) Elliot.

Third Row (Left to Right): Virginia Schafer, Frank Luzny, Marv Reed, Bill Schmeling, Dick Oliver, Joe Kuhns, Louie Criez, Clarke Brown.

Fourth (Top) Row: Dolores (Plaster) Allen, Marion (Todd) Peterson, Patricia (Sheely) Conley, Pat (Corey) Eastlick, Jim Maguire, Eugene Prince, Dick Moser, Larry Gross, Dave Parsons.



2002 Golden Grads

CAHE Welcomes New Alumni

CLASS
OF
2002

CAHE administration, faculty, and staff are proud of the accomplishments of this year's graduates.

AGRIBUSINESS

Undergraduate

Douglas A. Herndon
Joe D. Howard
Jami Rae Hunter
Nicholas R. Johnson
Sara L. McCullough
Kelli Jo Myers
Joshua M. Siler
Stephanie L. Swannack

Graduate

Hiromi Ouchi
Eric D. Siebens

AGRICULTURAL ECONOMICS

Undergraduate

Neil R. Appel
Joshua R. Bohannon
Jennifer Elkins
Rhonda R. Newbury
Bryan A. Ovenell
Richard S. Price
David J. Schutte
Scott A. Smallwood
Emmy A. Sunleaf
Mark A. VanTine
Amanda M. Viebrock
Steven L. Vradenburg
Thomas W. Youngquist

Graduate

Genevieve Briand
Rafic Habib Fahs
Kristine Grimsrud
Xiaojun Hou
Bingfan Ke
Elvis Petrela-Qenani

AGRICULTURAL COMMUNICATIONS

Darby L. Zahn

AGRICULTURAL EDUCATION

Undergraduate

Tracy J. Anderson

Danielle R. Better
Kimberly D. Bond
Holly C. Cahow
Andrew M. Cockle
Brent W. Feller
Cami R. Hammrich
Angela J. King
Kimberly O'Neill
Kellie M. Tveter

AGRICULTURAL TECHNOLOGY & MANAGEMENT

Undergraduate

Kristopher C. Butcher
Jason M. Cronk
Tyler D. Deyo
Aaron D. Flansburg
Peter E. Gines
Tracey L. Harding
Daniel S. Heeringa
Keith T. Howard
Gregory R. Johnson
Kyle J. Juergens
Kent R. Korthuis
Lance A. Repp
Johnathan C. M. Rolfe

AGRICULTURE

Undergraduate

Sarah B. Barlow
Beth A. Bennett
Ted A. Boucher
Lisa Marie Cole
Chase W. Metzger
Daniel J. Meyers
Richard R. Miller
Derek M. Mills
Melanie M. Owens
Hillary K. Templin

Graduate

Steven J. Cotterill
Justin C. Palmer

ANIMAL SCIENCES

Undergraduate

Angela D. Armijo
Marlene K. Bakko

Andrew K. Bishop
Cerissa K. Blair
Sara M. Blake
Alicia A. Borm
Brianna J. Burley
Timothy A. Butts
Pamela D. Cain
Christina M. Chesvick
John D. Cresto
Cory T. Crouthamel
Christina M. Davis
Karren C. Devitt
Rebecca R. Dieckman
Kristianna J. Fly
Christine A. Ford
Kristen-Lynne Honda
Breana Lee Johnston
Jeffrey M. Jordan
Theresa A. Kokta
Heidi E. Kos
Tyson F. Lagler
Colleen S. McCoy
Amanda Jo Miller
Ian T. Murdock
Melissa A. Ney
Stefani E. Schirman
Jordana T. Tyler
Ericka L. Weigel
Emmilly M. Wells
Stacey H. Wetherelt
Aura J. White
Sharon L. Wilson
Barbara M. Zawlocki
Suzanne Zbailey

Graduate

Mary K. Biddle
Carl Cavalletto

Paul S. Kuber
Tammy McCormick
Francesca M. Mellieon
Westley M. Schager

APPAREL, MERCHANDISING & INTERIOR DESIGN

Undergraduate

Laura D. Adamek
Amanda N. Anderson
Kathleen G. Anderson
Cemile Armas
Jasmine L. Butler
Uyen My Cao
Juliea M. Cereghino
Kaoux Chang
Kelsey Colliander
Katherine F. Colvin
Christina R. Downer
Alison K. Eldridge
Stacie A. Eng
Karie A. Foster
Holly M. Geib
Natasha Hoffert
Marcie A. Hoffman
Celeste K. Hofto
Bree Ali Kemp
Jacqueline S. Kern
Jiyeon Kim
Jessica A. Kuper
Virginia Martinez
Jillian J. McClaskey
Elizabeth A. McKee
Bridget E. McMahan
Katherine A. Merrill
Jennifer L. Molstad
Crystal L. Nerdrum

Sara A. Ogle
Heather M. Rangel
Jaclynn H. Riverman
Danielle L. Roberts
Melissa Schneider
Melanie A. Sealock
Amanda Skaley
Jenell Starr
Kate M. Stevenson
Charissa N. Talarico
Silahis M. Taverna
Jane E. Thomas
Suzanne M. Van
Lauren M. Wolters
Megan A. Woodward
Nicole M. Yoder

Graduate

Andrea C. Eklund
I Ching Liu
Hsue-Ping Ko Meier
Kristen K. Whittaker

BIOLOGICAL SYSTEMS ENGINEERING

Undergraduate

Grant W. Dawson

Graduate

Maci Keithly

CROP SCIENCE

Undergraduate

Todd S. Benzel
Michael T. Fitzpatrick
Karla Kay Moore
Andrew J. Sharp
Jared M. Whitaker

Graduate

Steven R. Lyon
Pamela L. Scheinost
Deric A. Schmierer

ENTOMOLOGY

Undergraduate

Nizar Abugharbieh
Chad H. Dobie



Natalie K. Lindgren
Robert M. Stansbury

Graduate

Timothy D. Hatten
Glenn R. Thayer

FOOD SCIENCE & HUMAN NUTRITION

Undergraduate

Melissa A. Albert
Haley N. Anderson
Garrett E. Berdan
Zena Marie Edwards
Charis R. Groot
Amanda K. Leach
Chelsy R. Leslie
Megan S. Maynard
Mojgan Mousavi-
Hesary
Seth W. Nielsen
Catherine T. W. Quan
Ereka C. Rambur
Sabrina P. Rohr
Chi-Wai So
Hannah A. Swartzel
Holly Ann Warner

Graduate

Nicole Anderson
Ruth C. M. Binder
Brenda J. Birmingham
David D. Dlagetty
M. Colleen Doherty
Deborah S. Dolan
Yiqun Huang
Guiping Lu
Jun-Hyun Oh
Donna M. Oliver
Lisa M. Pitka
Jian Yang

HORTICULTURE

Undergraduate

Ian A. Barclay
Paige W. Beckett
Allyson L. Bullard
Jason M. Helms
Gregory D. Hoffman
Haley L. Jones

Jennifer A. Jurgensen
Maren J. Kampfer
Luke W. Ransom
Adam H. Rowe
Luke J. Tschritter
Joseph R. Turner
Julia R. VanDiest
Kristine A. Williams
Leilani L. Wood

Graduate

Henry Castleberry
Todd B. Edington
Ellen L. Evans
Jacob L. Gutzwiller
Jennifer L. Hart
Gregory D. Newberry
V. S. Puthanveetil
Elsa S. Sanchez
Erin M. Silva
Carolina A. Torres
Matthew D. Whiting
Kyung-Mi Yun
Vlad Zabrouskov

HUMAN DEVELOPMENT

Undergraduate

Erica D. Backous
Brandi Lee Baker
Laurie A. Bennitt
Kimberly K. Bergstrom
Laura R. Bigbie
Elizabeth Boylan
Jennifer D. Broughton
Jennifer A. Brulotte
Elisa B. Buckingham
Kelly A. Caraher
Crystal R. Chambers
Chien-Yu Chang
Corrie L. Chumbley
Robert Alan Cox
Dawn M. Critchfield
Arin A. Dunham
Lindsay D. Eleazer
Nona L. Eschbach
Wende M. Feller
ViviAnne L. Fischer
Cleo B. Fitzgerald
Holly D. Funderburg

Christin L. Gordon
Tracey L. Garman
Lisa G. Gregg
Bonnie P. Grovom
Angelique M.

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Sarah E. Hammond
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Tamara C. Haskew
Andrea M. Hastay
Stephanie
Hempelmann
Barbara Jo Holterman
Suzanne M. Johnson
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Kelly Ann Kirkness
Danita S. Knight
Lolita C. Lawrence
Lindsay E. Lebaron
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Jaclyn M. Little
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Riley A. McFarland
Tami L. McLachlan
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Jennifer E. Mendoza
Michelle R. Moe
Karen L. Moffit
Amber L. Moreau
Willow R. Morse
Jennifer L. Nelson
Lynn E. Nelson
Heather M. Nevenner
Trisha A. Novak
Sherilyn Jo Olson
Jeff M. Omlin
Teresa Parker
Mary F. Patterson
Xziomara Peguero
Sharon L. Petersen
Julianne M. Real
Erin M. Rose
Trudy C. Ross
Kristin K. Sawyer



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Karen V. Scruggs
Melisa A. Shelton
Rebecca M. Short
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Tamara L. Solheim
Lisa M. Sorrell
Dena L. Spencer-
Curtis
Nicole A. Stevenson
Colet R. Swenson
Jennifer Y. Ullrich
Lindsey Warren
Virginia J. Weshinsky
Jessica Workman
Amanda M. Wright

INTEGRATED CROPPING SYSTEMS

Undergraduate

Kevin M. Kudsk

INTEGRATED PEST MANAGEMENT

Undergraduate

Robert M. Stansbury

Graduate

Elizabeth A. Boyd
Luis F. Matos
Dale K. Whaley

INTERIOR DESIGN

Undergraduate

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Rachel M. Cupp
Tricia Marie Donnel
Heather L. Eastman
Patricia W. Erickson

Heather D. Graham
Amy L. Green
Jennifer K. Gregory
Melissa J. Harris
Jamie M. Herring
Michelle M.

Huddleston

Cassandra L. Johnson
Hoshiko Kamiya
Sun-Young Kim
Stacy T. Kinz
Kristina Lindstrom
Tegan M. Patterson
Andrea G. Pena
Stefanie M. Powell
Darci L. Rohrbach
Judith C. Rycroft
Jamie L. Schab
Rochelle L. Yaeger
Tony Hon Yeung Yim
Kumi Yuba

Graduate

Deborah A. Bowers
Sang-Yoon Byun
Shawna Corry
Courtney L. Dunlap
John L. Gresseth
Cindy B. Lee
Gwo-Fang Lin
Kyoko M. Nix
Laurel M. Whittaker
Ann K. Wolf

LANDSCAPE ARCHITECTURE

Undergraduate

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Bradley Boggs
Rylan E. Browning

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 Amy Lee Gardner
 Zachery T. Goldfinch
 Anne M. Hanenburg
 Jason L. Hibbs
 Marc A. Lange
 Todd J. Michaelson
 Holly C. Moore
 Jonathan S. Newbill
 Joel W. Port
 Matthew L. Samples
 Joel R. Sisel
 Matthew R. Wilson

Graduate

Kent T. Brocklebank
 Barbara S. Bruce
 Angela M. Feser
 Myah B. Houghten
 Ting Jia
 Teyadora J. Kuhle
 Li Zhang

**NATURAL
 RESOURCE
 MANAGEMENT**

Undergraduate

Derick Brooks
 Zachary M. Dewees
 Casey Gozart
 Skyler J. Johnson
 Tyler L. Kaech
 Trevor D. Keetch
 Albert L. Roberts
 Craig A. Scott
 Daralyn D. Spies
 Annakate Wilson
 Keary Uhlig

**NATURAL
 RESOURCE
 SCIENCES**

Undergraduate

Katherine A. Brandt
 Joseph J. Buchmann

Amber A. Conrath
 Heather D. Dudley
 Becky Ann Elias
 Patrick D. Elias
 Megan E. Griffin
 Allen A. Inderrieden
 Tyler L. Kaech
 Andrew J. A. Kay
 Nicholas S. Lee
 Jeffrey J. Lonnerker
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 Matthew D. Marsh
 Sean M. Nepper
 Paul R. Nix
 Lisa M. Nolan
 Jason A. Olson
 Debra E. Plummer
 Natalie D. Porter
 Jason B. Rothermel
 Shannon K. Shields
 Jacob E. Smulkowski
 Travis Dean Whitt

Graduate

Laurie J. Flaherty
 Gregory D. Harris
 Donald D. Katnik
 Daniel B. Koroma
 Kimberly Romain
 William E. Schlosser
 Nicole J. Siegel
 Jeffrey M. Warren

PLANT PATHOLOGY

Graduate

Jane J. Choi
 Jill A. Hoff
 Steven J. Klosterman
 Shi-En Lu
 Raina M. Spence

PLANT PHYSIOLOGY

Graduate

Aldwin M. Anterola
 Aaron M. Elmer

Barbar L. King Omak
 Yu Li
 Judy Ann Schnurr
 Dianzhong Zhang

SOIL SCIENCE

Undergraduate

Tarn D. Mower

Graduate

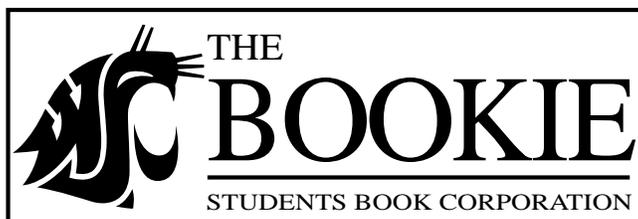
Marco Bittelli
 Kelly Dean Cherrey
 Jerry Glover
 Gretchen Welfinger
 Thomas I. Wildey

STATISTICS

Graduate

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 Maher Hasan
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ALUMNI: OUR DIAMOND, GOLDEN AND RECENT GRADUATES

Diamond Graduates—1942, Golden Graduates—1952, and 2002 graduates represent only a small percentage of all the College of Agriculture and Home Economics graduates, but they symbolize the successes of our academic programs and the loyalty and commitment of every CAHE graduate to Washington State University.

When the Golden and Diamond graduates come to campus, they typically make a class gift to the campus. This year, we introduced them to the partially restored historic Livestock Pavilion, the need for more scholarships in Agriculture and Home Economics, and the student ambassadors who recruit the next generation of alumni. The ambassadors' endowment supports these students' travel to high schools and community colleges across the state.

Fifty alumni (14 Diamond and 36 Golden grads) with another 25 spouses and family members representing 16 majors in the College, attended the celebration. Majors included agronomy, horticulture, plant pathology, dietetics, home economics, animal sciences, forestry, general agriculture, agricultural education, agricultural engineering, entomology, agricultural economics, wildlife biology, clothing and textiles, child development, and agricultural mechanization and technology.

Alberta Hill, dean emeritus of Home Economics, and I described recent events in the college and our award winning faculty, such as Don Dillman, Rural Sociology, who was selected as the WSU Eminent Professor, and Ron Mittelhammer, Agricultural Economics, who was awarded the Sahlin Award for Excellence in Teaching.

One special member of the class of '52 is Jim Maguire, who not only graduated from WSU, but taught at WSU for 39 years. He recently retired, in 1999, (after creating a loyal alumni) from the Department of Crop and Soil Sciences, formerly called Department of Agronomy. Many of these alumni have honored Jim by contributing to a scholarship created in his name.

One of my real pleasures was meeting so many Golden and Diamond grads and listening to them tell great stories to one another as they, "remembered when...."

I invite graduates of 1943 and 1953 to join us and your classmates in Pullman in April 2003 for a celebration.

College of Agriculture and Home Economics Alumni Board

I attended a (April 27, 2002) meeting of the College Alumni Board and was delighted by the enthusiasm and commitment of board members' taking active roles in the WSU Alumni Board and linking college regional events to WSU alumni events.

We also intend to take advantage of CAHE events, such as field days, to invite alumni to join us. At the recent Lind Field Day, over 75 attended an alumni ice cream social after touring the wheat field plots and learning about the research at the Lind Dryland Research Station.

Other ways we hope to involve alumni are:

- Guest speakers in classes to talk about work-related experiences;



James J. Zuiches, Dean

- Intern mentors for students prior to graduation.

Clint Adamson ('99) is the interim chair of the Alumni Board and will serve on the WSU Alumni Board as we plan for and create the regional coordinators for CAHE events. If you are interested, contact Clint at adamson@gocougs.wsu.edu.

Lewis Alumni Centre Arboretum

For 17 years we have planted trees on the campus in recognition of each graduating class. The student Horticulture Club in the Department of Horticulture and Landscape Architecture originated this idea in 1985, and has annually planted trees at the original entry way to campus, behind the President's house.

In 2001, we inaugurated new plantings in the Lewis Alumni Arboretum, on the grassy knoll east of the Alumni Centre. This is one more way to honor graduating seniors and create a legacy of beauty as they leave the campus.

I hope all graduates will take a walk through the Arboretum and see the renovated Pavilion on your next visit.

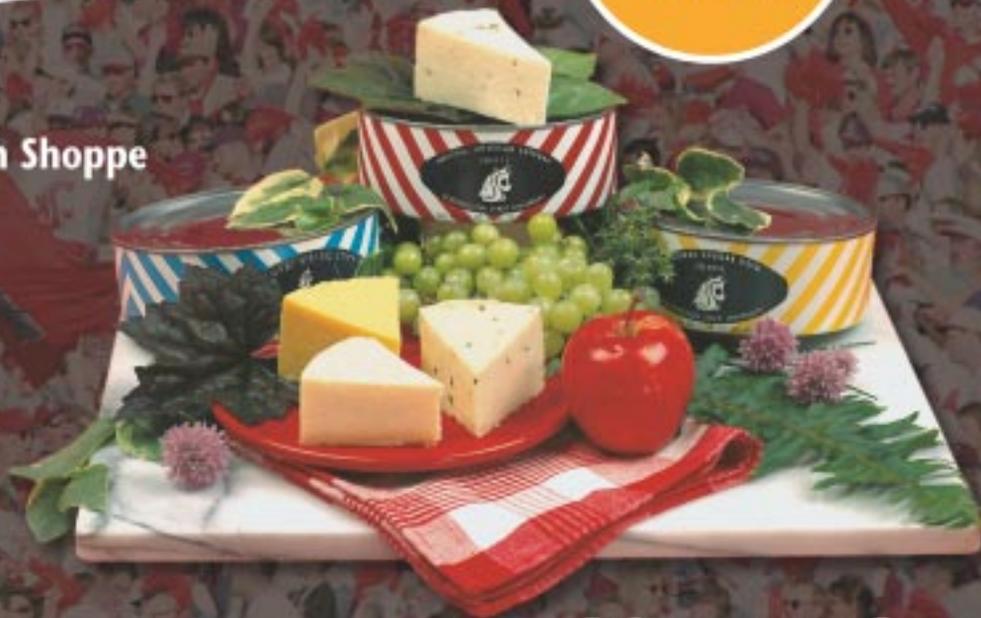
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