

Crop and Soil News and Views

Crop and Soil News and Views is an annual publication of the Department of Crop and Soil Science at Oregon State University.

Questions? Comments? Contact Russ at: Russell.S.Karow@oregonstate.edu

Check out our webpage at: <http://cropandsoil.oregonstate.edu>

FALL 2011

***** SPECIAL NOTICE *****

Good-bye, CSS News and Views; Hello IPSI News

Crop and Soil Science is merging with the OSU Department of Horticulture. We will become the School of Integrated Plant, Soil, and Insect Science (IPSI). Formal approval for merger is anticipated in November. One of the results of this merger will be a combined newsletter that will give you a broad overview of OSU activities related to crop and horticultural plants, soils and insects. The new newsletter (yet to be named) will be produced on a semiannual basis; we hope to deliver it to you in electronic format to use less paper and to save on printing/mailing costs. Please visit <http://ipsi.oregonstate.edu> to register for electronic delivery of the new School newsletter.

“PICTURE THIS” TRIVIA QUESTION—What is this a picture of?



(answer—and story—on page 19)

WHAT’S IN THIS NEWSLETTER?

- FROM THE CORNER OFFICE
- DEPARTMENTAL NEWS
- CSS ACADEMIC PROGRAMS
- CSS AWARDS/RECOGNITION
- NEWS ABOUT YOU, US, AND OTHERS

...and more!



FROM THE CORNER OFFICE
Russ Karow, Head, CSS

Greetings from the Department of Crop and Soil Science (CSS). This past year has again been one of ups and downs. Budgets and institutional reorganizations and realignments have been the drivers in nearly all we have done in the department and across the College of Agricultural Sciences (CAS). Synopses of events and activities over the past year and some speculations about the future are given below.

January 2011 was the start of the State of Oregon planning effort for the current biennial (2011-13) budget. As with the majority of states across our nation, Oregon is in significant financial distress. As originally proposed, budgets for the statewide programs [Agricultural Experiment Station (AES), Extension Service and Forest Research Lab] were to be cut 20%. The statewide programs have a separate line item in the state budget that is outside the Oregon University System (OUS) budget. The OUS budget funds teaching activities at all state universities. The OUS budget was to be cut only 8% with all universities having some ability to raise tuition to offset part of this reduction. In CAS, teaching makes up less than 10% of our total activity and budgets; hence the relatively positive situation on this front would do little to offset the significant cuts proposed in 90% of our budgets. Long story short, potentially devastating cuts were partially avoided by the heroic efforts of our various CAS supporters. They wrote legislators, doggedly lobbied in Salem, and attended field hearings. In the end, the cut to the statewide programs was reduced to the same 8% level as in the OUS system but with no potential for offset by tuition dollars. However, the story does not end there. Not knowing what the economy would do over the coming year, the legislature held back 3.5% of authorized budget funds as a “rainy day” fund. Payroll expenses have also increased at least another 3% and so, in total, we are still faced with a 14-15% budget reduction in AES and extension budgets. These reductions can be managed in the current year by not filling a currently vacant staff position and through use of reserve funds but long-term budget reduction strategies are not obvious.

I'd mentioned that the teaching side of the university is in a reasonably good financial state due to the ability to offset state budget reductions with tuition increases. OSU President Ray stated in his October State of the University Address (<http://oregonstate.edu/leadership/president/speeches-and-statements>) that we are in great shape on the teaching front due not only to the tuition offset but to the fact that student enrollment has increased by over 5,000 students in the past three to four years (to 25,000) and a growing percentage of these students are out-of-state and international students. With growing university student numbers across the US (likely in part due to our national economic situation) there is increased competition to gain admittance to state universities. Students are looking at total cost of education and the university experience that they will have—in such assessments, OSU has fared well. For example, out-of-state tuition and Corvallis living expenses for many California students would be equivalent to in-state California expenses and the smaller university OSU experience is preferred by many. OSU also has seen a large influx of international students due in great part to the planned relationship with the INTO program that specifically pairs students with partner universities around the world. See <http://www.intohigher.com/universities/america/oregon-state-university.aspx> for more information about the INTO program. Needless to say, a 25% increase in student population has caused stresses on campus to find classroom space and teachers for the classes to meet student needs. There are also stresses in the Corvallis community with rental housing and parking at a premium. Students who can afford to do so are buying houses and sharing with friends as mortgage payments, at current low interest rates, are often the same as monthly rental fees. Conversations between OSU and community leaders are on-going.

Because of increased student numbers, there is a significant need for more teaching faculty. Over the past year nearly 40 new faculty have been hired with another 35-40 positions expected in the forthcoming year. The majority of these positions have been in the College of Liberal Arts and College of Science to meet basic teaching needs in English, math, science, etc. but a few positions have come to CAS. To date, these positions have been 9-month positions with a teaching/research split – 50/50. A 50% teaching split translates into a class each term and some additional teaching responsibility (another class, undergrad advising, graduate student mentoring). People in such positions have to take a very different approach to research. If future positions in agriculture research are of this type, we will have to rethink our research approach as well. It has also been suggested that some future extension positions could be 50/50 splits. Having to teach at least a class each term would also require rethinking approaches to extension programming, if such positions should come to pass.

Federal budgets for AES and Extension are also a changing landscape. As you know, federal budgets in general are being pared significantly in all areas considered to be non-critical. The century-old formula funding process for these program areas is being challenged both in terms of amount of funding available and whether such funding should continue at all. Some congressional legislators have suggested that we move entirely to competitive grant processes. We have pointed out that there are regionally-focused, mundane activities (pesticide testing, fertility work, variety testing, etc.) that need to be done to keep US agriculture competitive. Such activities do not fit into a competitive grant mold. The outcomes of future federal funding are an unknown.

Our CSS merger with Horticulture continues to move forward. All of the needed paperwork has been filed and we await formal approval from the OSU Faculty Senate to move into the final steps of the merger process. Approval is anticipated in December. We will become the School of Integrated Plant, Soil, and Insect Science—IPSI for short. Other mergers are taking place across campus. These mergers are intended to better align departments that have similar missions and goals for greater efficiency and synergies. We are working through the details of merging our somewhat different cultures as departments and thus far have seen mostly just the work of the merger but some benefits have started to appear. We are revitalizing an applied entomology group and have seen the emergence of a plant breeding and genetics group. Both of these areas of work may result in undergraduate and graduate degree options that will be useful to students and faculty. We will be combining our newsletter efforts as part of the merger process.

In the midst of these many changes, our faculty and students, past and present, continue to thrive and be recognized for their great work. Since our last newsletter, the following awards have been given to our faculty. Arnold Appleby, Professor Emeritus, was inducted into the CAS Hall of Fame. Dan Ball, Professor of Weed Science at the Columbia Basin Ag Research Center, was named a Fellow in the Western Society of Weed Science. James Cassidy, CSS Soils Instructor, won the CAS R.M. Wade Award for Excellence in Teaching. Melissa Fery, Mid-Valley Small Farms Program Instructor, won the OSU Extension Association Newer Faculty Achievement Award and Mike Flowers, OSU Cereals Specialist, the Oscar Hagg Extension Communications Award. Sujaya Rao won the Entomological Society of America 2010 Distinguished Achievement Award in Teaching. A full listing of awards and honors and student scholarship winners can be found in later articles in this newsletter.

A number of faculty retired this past year and are on partial appointments. Glenn Fisher, John Hart, and Bill Young are phasing down their activities and working toward capturing over 85 years of collective wisdom in publications, websites, and other media so that it is available for generations to come. A new faculty member was hired. Dr. Bob Zemetra began work as OSU's Wheat Breeding and Genetics program leader in late May. Bob came to OSU from the University of Idaho where he held a similar position. He had a long-established relationship with OSU scientists and so was able to hit the ground running – literally. Within days of his arrival he was on the road to look at plots in

eastern Oregon and to visit with wheat industry leaders to learn about their needs and desires. The wheat breeding program continues to have great success with its varieties. In 2010 over 60% of Oregon acreage and nearly 20% of Washington's was occupied by recently developed OSU varieties. Despite budget uncertainties, the College continues to fill critical positions across the state. Two positions with departmental affiliation are among this group—a field cropping system position in Malheur County and a potato breeding and genetics position at the Hermiston Agricultural Research and Extension Center. Both positions close at the end of October and we hope to have new faculty in these positions at the beginning of next year.

We mourn the loss of one of our long-term faculty members. Lynn Jensen died in January following a year-long battle with cancer. He was active in his role as field cropping specialist and staff chair in Malheur County until just prior to his death.

A garden at Hyslop Farm was dedicated in late May to the memory of long-time faculty members Daryl Ehrensing and Mary Verhoeven. Plantings, graceful stone work, and a bench now provide a space at the Farm for rest and reflection.

Another gift that Mary has given the department is an endowment dedicated to providing support for student club activities. Funds to support club service and supplies and travel needs have always been difficult to find and will now be provided in part through the Verhoeven Endowment. The Witters Endowment established in 2007 has continued to grow and is providing graduate student travel awards on a quarterly basis for attendance of professional meetings and other educational events. "The Ash Crew," former graduate students of Dr. Moyle Harward, met last November and established an endowment in honor of Dr. Harward. This endowment will be used to sponsor a public lecture on an annual basis that will highlight a current topic related to soils that is of importance in our world. Other endowments continue to provide critically important scholarships for our CSS students. Please scan the student scholarship winner listing in this newsletter for names of past faculty, staff, and departmental friends who may be familiar to you.

Many exciting things are happening across CAS. For more information about happenings in the College, you are invited to subscribe free to the College's news magazine "Oregon's Agricultural Progress" (<http://oregonprogress.oregonstate.edu/index.php>) and to the College's monthly newsletter "The Source" (<http://agsci.oregonstate.edu/news/newsletters>). The latter also provides links to the newsletters of a number of departments in the College including CSS.

This is our sixth annual Newsletter and will be our last as the Department of Crop and Soil Science. As noted in the "special notice" section to this newsletter, we will be creating a new newsletter that contains information about happenings in our School and about you. We encourage you to provide personal updates and suggestions on how we can make our newsletter of greatest value to you. Information on how to provide personal updates for inclusion in an upcoming newsletter can be found at the end of this newsletter.

I thank you for your interest in and support of CSS and our soon to be School of Integrated Plant, Soil, and Insect Science. I hope for greater certainty for us all in the year to come.



Russell S. Karow
Head, OSU Crop and Soil Science
Co-Director, School of IPSI

ALUMNI/RETIREE DINNER

Over 35 people participated in the CSS alumni, retired faculty and staff and friends dinner that was held on June 3, 2011 in the Crop Science Building. Good food and conversation was enjoyed by all. Some people had not seen each other in decades, so memories flowed along with food and drink. A spring gathering is planned for Friday, June 15, 2012 at the Oak Creek Center for Urban Horticulture in Corvallis.

HYSLOP FARM MEMORIAL GARDEN

A memorial garden has been constructed at Hyslop Farm to honor two long-term faculty members whom have passed away recently. **Daryl Ehrensing** and **Mary Verhoeven** dedicated much of their lives to the world of agriculture. Their work improved the options for growers in the state, and indeed, the world. Together, they had over 65 years of service to agriculture; both were actively engaged in their careers at the time of their deaths.



A view of the finished memorial garden

On May 6, 2011, Daryl and Mary's families, friends, and colleagues gathered to dedicate the garden. Approximately 150 people turned out for an afternoon of remembering these two individuals and connecting with each other. As neither Mary or Daryl were ones for long speeches and grand ceremonies, the

dedication was kept brief. Remembrances of Mary and Daryl were presented by Pat Hayes and Glenn Fisher. Russ Karow followed their presentations with the formal dedication of the garden, having those present dedicate themselves to the continuation of the good works, joy, and beauty that Daryl and Mary brought to the world. Here is the reading provided by Russ:

We gather here today to dedicate ourselves to continuation of the good works and deeds that Mary Caroline Verhoeven and Daryl Thoms Ehrensing began in this world.

To this I dedicate myself.

We gather here today to dedicate ourselves to the task of bringing joy and beauty to our world as did Daryl and Mary.

To this I dedicate myself.

We gather here today to dedicate ourselves to seeing and seeking the wonder that exists in things both large and small in our world and to share this wonder with others as did Mary and Daryl.

To this I dedicate myself.

And we gather here today to dedicate this place to the spirits of Daryl and Mary such that those who have know them or those who never knew them can sense as they see, walk or sit in this place the goodness, joy, beauty and wonder that surrounded Mary and Daryl's lives and that we all can bring to our world.

To this we dedicate this place.

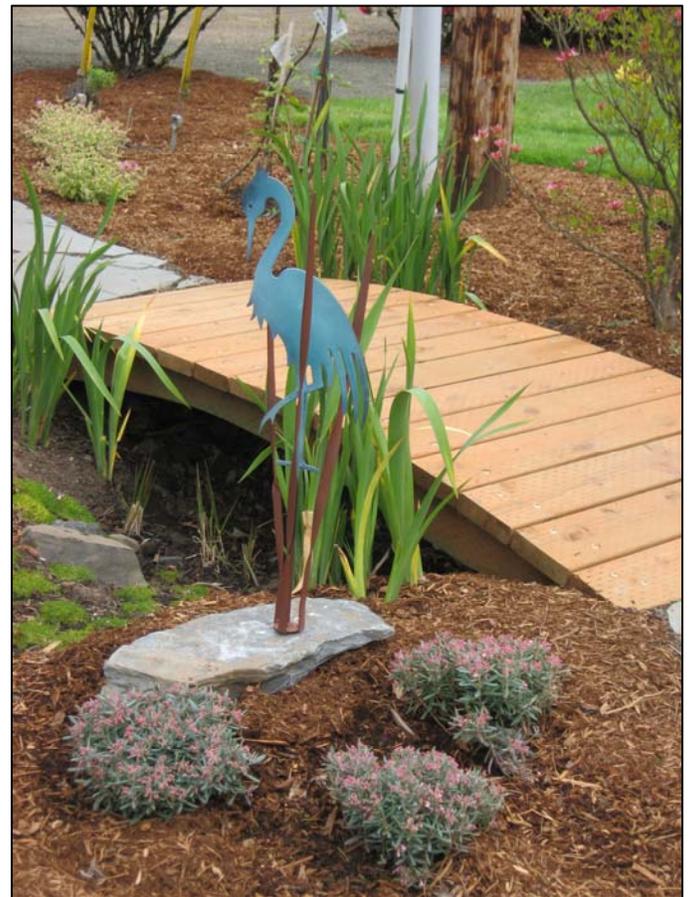
During the ceremony, the guests endured rain, a downpour that began shortly before the event started. Standing underneath umbrellas or sitting under canopies, those present respectfully listened and then socialized with each other, taking in the beauty of the garden



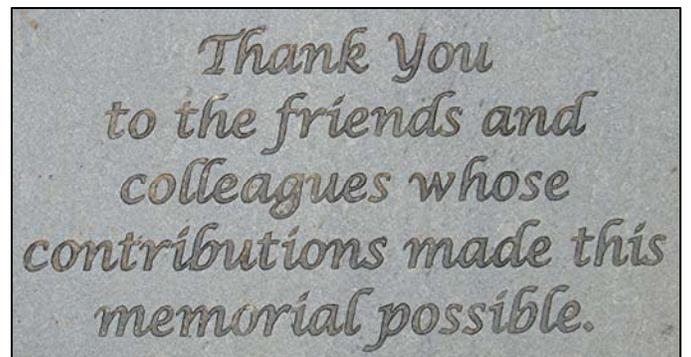
A view of the garden before the dedication ceremony (and the rain!) began.

and reminiscing about Mary and Daryl. All the while, the garden was being well watered.

Funds for the garden were provided by several research projects, as well as many individuals. We are still accepting donations, so if you are interested in donating to the garden project, please write a check made payable to "Agricultural Research Foundation" and send to Department of Crop and Soil Science, Oregon State University, 107 Crop Science Building, Corvallis, OR 97331-3002. Please indicate "Memorial Garden" on the memo line.



A close-up view of the bridge and blue heron sculpture at the Hyslop Farm Memorial Garden.



Stepping stones and a donors' appreciation plaque that are part of the patio area.

FALL 2011 DEPARTMENTAL PICNIC

On September 21, the Departments of Crop and Soil Science and Horticulture (in anticipation of the new school merge) hosted a "Welcome Back to the School Year" picnic at Avery Park Thompson Shelter. This year the departments provided the main course (Hawaiian-style barbecue pork and chicken) and guests brought a potluck item. Below are some pictures from the event.



The combined personnel of the Departments of Horticulture and Crop and Soil Science have their first Fall Picnic together, insuring a large crowd for the event from now on!



Jenny Kling (right) and her guest enjoyed a rousing game of Beaver Bean Bag Toss!



Departmental retirees catch up on all the gossip. (from left: Dayle Christensen, Benno Warkentin, Jane Ann Warkentin, Neil Christensen)



The CSS and Horticulture network administrators and their families dine together, hoping that their respective computer servers aren't crashing as they feast!

FACULTY AND STAFF

Sam Angima, Staff Chair, Lincoln Co. Ext.

- Promoted from Assistant to Associate Professor

Arnold Appleby, Professor Emeritus

- CAS Hall of Fame



Arnold Appleby (right) accepts his plaque from CAS Dean Sonny Ramaswamy.

Dan Ball, Professor, Weed Science (CBARC)

- Fellow of the Western Society of Weed Science



Dan Ball (left) accepts his Western Society of Weed Science Fellow award from the society's immediate past president Joe DiTomaso.

Mylen Bohle, Assoc. Professor, Crook Co. Ext.

- CAS Oldfield Team Award (Cereal Leaf Beetle Team)

James Cassidy, Instructor

- R.M. Wade Award for Excellence in Teaching



James Cassidy (center), the consummate rocker, poses with Russ Karow (left), CSS Department Head, and Stella Coakley (right), CAS Associate Dean, in acceptance of his R.M. Wade Award for Excellence in Teaching.

Mary Corp, Umatilla Co. Ext. agent

- Promoted from Associate to Full Professor

Maria Dragila, Assoc. Professor

- L.L. Stewart Faculty Development Award

Amy Dreves, Asst. Prof. Sr. Res.

- Change of rank from Faculty Research Associate to Assistant Professor Senior Research

Daryl Ehrensing, former Fac. Res. Assoc.

- CAS Oldfield Team Award (Cereal Leaf Beetle Team) (posthumous)

Melissa Fery, Mid-Valley Small Farms Program Instructor

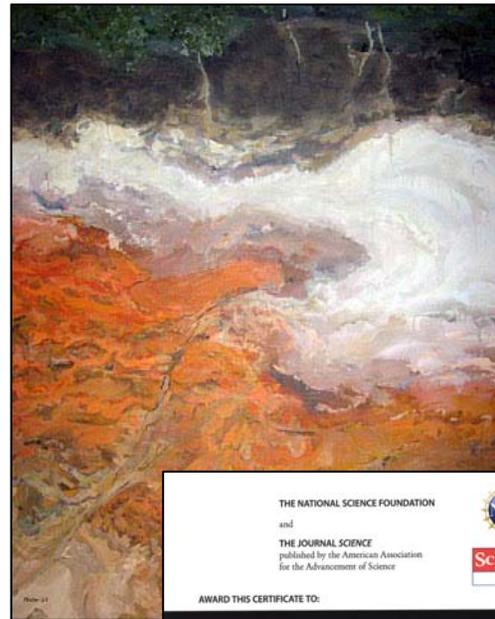
- OSU Extension Association Newer Faculty Achievement Award





Mike Flowers, Assoc. Professor

- Promoted from Assistant to Associate Professor
- Oscar Hagg Extension Communications Award



Moyle Harward, Professor Emeritus

- College of Agricultural Sciences 2010 Diamond Pioneer Registry

George Hoffman, Fac. Res. Assoc.

- CAS Oldfield Team Award (Cereal Leaf Beetle Team)

Sandy Macnab, Chair, Sherman Co. Ext.

- OSU Outreach & Engagement Alberta Johnson Award for Excellence in Extension Leadership



Jay Noller, Assoc. Professor

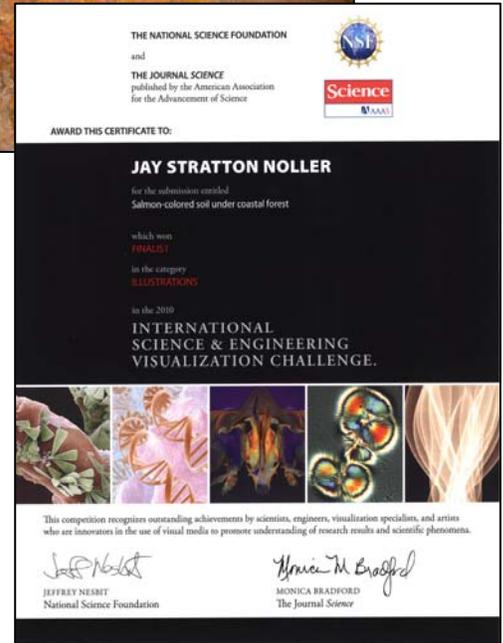
- NSF/AAAS 2010 International Science & Engineering Visualization Challenge (created one of the best cover illustrations in 2010 for *Soil Survey Horizons*)

Sujaya Rao, Professor

- CAS Oldfield Team Award (Cereal Leaf Beetle Team)
- Entomological Society of America 2010 Distinguished Achievement Award in Teaching

Silvia Rondon, HAREC agent

- Promoted from Assistant to Associate Professor



Jay Noller's painting ("Otter Rock Beach Soil") that became the cover of *Soil Survey Horizons* (top) and the certificate he received for his award.

Clint Shock, Superintendent and Professor, Malheur Experiment Station

- Ontario Chamber of Commerce Agriculturalist of the Year

Gerry Simonson, Professor Emeritus

- College of Agricultural Sciences 2010 Diamond Pioneer Registry

Garry Stephenson,
Professor, Small Farms
Specialist

- Vice Provost Award for Outreach & Engagement, Excellence in Strategic Impact



25 Year Club

(founded in 1967 by OSU President James J. Jensen to honor those who had served as members of the university faculty or staff for 25 years or more)

2011 Inductees from CSS – Carol Garbacik, Patrick Hayes, Andrew Huber, Erling Jacobsen, Farhad Shafabakhsh, Garry Stephenson

30 Year Honoree – Jayne Smith

35 Year Honoree – Ann Corey

Darrin Walenta, Assoc. Professor, Union Co. Ext.

- CAS Oldfield Team Award (Cereal Leaf Beetle Team)

Bill Young, Professor

- Oregon Seed Growers League (in conjunction with the Oregon Agribusiness Council) “Voice of the Industry” Award



Bill Young (left) accepts his Voice of the Industry award from Geoff Horning, Executive Director of the Oregon Agribusiness Council.



Members of the Cereal Leaf Beetle team accepting their CAS Oldfield Team Award.
 (from left: Russ Karow, CSS Department Head; Keith Ehrensing – accepting on behalf of posthumous recipient Daryl Ehrensing; Colin Park; Barry Bai; Tim DelCurto; Mylen Bohle; George Hoffman; Bill Boggess, CAS Associate Dean; Betsey Hartley, CAS Director of External Relations)

GRADUATE STUDENTS

Melissa Broussard, *OSU Libraries/Library Advisory Council Undergraduate Research Award* (Melissa is currently a graduate student with Sujaya Rao as her major professor)

Stephanie Jenck, accepted for an internship at Iowa State University with Dr. Kaleita in the Agricultural and Biosystems Engineering Department. This internship is part of the BioGeoResources REU program at Iowa State.

Marco Keiluweit, *CAS Outstanding Graduate Student of the Year—CSS*

Alicia Leytem, *2011-2012 Oregon Lottery Commission*

Bianca Martins, *Western Society of Weed Science Poster Competition – 3rd Place* for “Detecting the Imi1 gene in imazamox resistance wheat by jointed goatgrass hybrids within commercial wheat fields”

Elena Sanchez, *2011-2012 Oregon Lottery Commission; Gerald O. Mott Meritorious Graduate Student Award in Crop Science*

UNDERGRADUATE STUDENTS

John Miskella, *Weed Science Society of America Undergraduate Research Award* for the proposal entitled, “Determining whether a population of Japanese Knotweed (*Fallopia japonica*) contains multiple biotypes”

STUDENT CLUBS

Crop and Soil Science is the host department for four student clubs. They are: Association of Graduate Soil Scientists, OSU Organic Growers Club, OSU Crops Club, and OSU Soil Judging. If you would like to contact any of the clubs, please email Tracy at tracy.mitzel@oregonstate.edu and she'll forward your message on to one of the advisors.

SCHOLARSHIP WINNERS

The Department of Crop and Soil Science offers more than 25 student scholarships each year. For the 2011-2012 academic year over \$41,000 in departmental scholarships and a total of \$92,850 (including College, professional society and industry sources) in scholarships were awarded to CSS students. A Student Awards Reception night was held on May 31, 2011.

Kody Albrecht, Undergraduate Student

- *Oregon Society of Weed Science – Western Oregon*

Shannon Andrews, Graduate Student

- *John & Jean Krautscheid Scholarship*

Amirmehdi Attarian, Graduate Student

- *Larry C. Burrill Memorial Scholarship*

Wilson Avila Garcia, Graduate Student

- *J. Ritchie Cowan Memorial Scholarship*

Nathan Azevedo, Undergraduate Student

- *Stanley L. Starr Scholarship*

Tyler Bruck, Undergraduate Student

- *Walter J. & Florence J. Jaeger Undergraduate Scholarship*

Jed Cappellazzi, Graduate Student

- *Hyslop Endowment Fund*



The Burrill Memorial Scholarship winner, Amirmehdi Attarian (right) is congratulated by Russ Karow, CSS Department Head.

Peter Cersovski, Undergraduate Student

- *John Flanagan Memorial Scholarship*
- *Johnny R. & Helen H. Thomas Scholarship*
- *Oregon Farm Bureau Memorial*

Caitlin Colburn, Undergraduate Student

- *Timothy Scott Wirth Memorial Scholarship*

Neysa Daquilante, Undergraduate Student

- *Wilbur Powers Memorial Scholarship*

Nicolas Davalos, Undergraduate Student

- *Donald D. Hill Memorial Scholarship*
- *Adams Family Scholarship*

Alyssa DuVal, Undergraduate Student

- *Rod & Ruby Frakes Scholarship Endowment Fund*
- *Wilson H. Foote Memorial Scholarship*
- *William & Heidi Geschwill Scholarship*
- *CAS Outstanding Undergraduate Student of the Year—CSS*

Brock Ferguson, Graduate Student

- *William Kent Wiley, Jr. Memorial Fellowship*

Austin Fricker, Undergraduate Student

- *Harry & Dorothy Schoth Scholarship*
- *Rod & Ruby Frakes Scholarship Endowment Fund*

Will Fulton, Undergraduate Student

- *John & Jean Krautscheid Scholarship*

Myles Gray, Graduate Student

- *Gamma Sigma Delta Masters Scholarship*
- *2011-2012 Oregon Lottery Commission*
- *Soil Science Graduate Merit Scholarship*

Jessica Haavisto, Undergraduate Student

- *Henry H. Rampton Memorial Scholarship*

Henry Heiser, Undergraduate Student

- *Johnny R. & Helen H. Thomas Scholarship*

Dustin Herb, Undergraduate Student

- *Oregon Seed Trade Association Scholarship*

Mitch Hickey, EOU Undergraduate Student

- *Oregon Seed Cleaning Scholarship*

Suphannika Intanon, Graduate Student

- *J. Ritchie Cowan Memorial Scholarship*

Andrew Jacques, Undergraduate Student

- *Sheldon L. Ladd Memorial Scholarship*
- *Hyslop Endowment Fund*

Melissa Jenck, Undergraduate Student

- *Johnny R. & Helen H. Thomas Scholarship*
- *Leo L. Anderson, Jr. Memorial Scholarship in Soil Science*

Stephanie Jenck, Undergraduate Student

- *Arthur King Memorial Scholarship*
- *Rod & Ruby Frakes Scholarship Endowment Fund*

Tyler Knecht, Undergraduate Student

- *Loren J. Smith Memorial Agricultural Honors Scholarship*
- *John W. DeMuth, Jr. Agricultural Sciences Scholarship*

Whitney Krupp, Undergraduate Student

- *Loren J. Smith Memorial Agricultural Honors Scholarship*
- *John W. DeMuth, Jr. Agricultural Sciences Scholarship*

Dylan Larkin, Undergraduate Student

- *Johnny R. & Helen H. Thomas Scholarship*
- *Charles E. & Clara Marie Eckelman Scholarship*

Alicia Leytem, Graduate Student

- *Rod & Ruby Frakes Scholarship Endowment Fund*

Bianca Martins, Graduate Student

- *J. Ritchie Cowan Memorial Fellowship*

Christy McCarthy, Undergraduate Student

- *John Flanagan Memorial Scholarship*
- *Johnny R. & Helen H. Thomas Scholarship*

Gagan Pahuja, Undergraduate Student

- *John Flanagan Memorial Scholarship*
- *Robert H. Warrens Memorial Scholarship*

Sherilyn Peck, Undergraduate Student, EOU

- *Walter J. & Florence J. Jaeger Undergraduate Scholarship*
- *Johnny R. & Helen H. Thomas Scholarship*

Jessica Pitcher, Undergraduate Student

- *Crop and Soil Science Outstanding Senior Award*

Colleen Roseborough, Undergraduate Student

- *M. Dale Chipman Memorial Scholarship*
- *Oregon Seed Trade Association Scholarship*
- *American Seed Trade Association Scholarship*
- *Oregon Seed Growers League Scholarship*

DEAN'S LIST, 2010-2011

Austen Samet, Undergraduate Student

- *Leo L. Anderson, Jr. Memorial Scholarship in Soil Science*

Kenny Smith, Undergraduate Student

- *Walter J. & Florence J. Jaeger Undergraduate Scholarship*
- *Johnny R. & Helen H. Thomas Scholarship*

Emily Tobin, Undergraduate Student

- *Clayton Fox Agricultural Honors Scholarship*
- *John W. DeMuth, Jr. Agricultural Sciences Scholarship*

M. Dolores Vazquez, Graduate Student

- *J. Ritchie Cowan Memorial Fellowship*

John Yeo, Graduate Student

- *Hyslop Endowment Fund*
- *Soil Science Graduate Merit Scholarship*



Student winners pose for a picture at the 2011 Scholarship and Awards Night (from left: Elena Sanchez-Olguin, Suphannika Intanon, Wilson Avila Garcia, Jessica Haavisto, Bianca Martins, and Amirmehdi Attarian)

Nathan Azevedo (Fall, Winter, Spring)
Nicolas Davalos (Fall, Spring)
Alyssa DuVal (Fall, Winter, Spring)
Carl Evans (Fall, Winter, Spring)
Austin Fricker (Fall, Winter)
Dustin Herb (Winter, Spring)
Stephanie Jenck (Fall, Winter, Spring)
Christy McCarthy (Fall, Spring)
Gitanshu Munjal (Fall, Winter)
Gagan Pahuja (Winter)
Jessica Pitcher (Fall)
Jennifer Summering (Spring)
Yulin Sun (Fall)
Katharine Taormina (Spring)
Leanna Van Slambrook (Winter, Spring)

CSS GRADUATES, 2010-2011

∞ Undergraduate Students ∞

Wendy Cardoso (Sp'11)
William Fulton (F'10)
Mike Gallegos (Sp'11)
Dustin Herb (Sp'11)
Al Kuenzi (W'11)
Daniel Meyers (Su'11)
Jessica Pitcher (Sp'11)
Nicholas Rilatt, EOU (Sp'11)
Torrey Roberts, EOU (Sp'11)
Austen Samet (Sp'11)

∞ Graduate Students ∞

Wilson V. Avila Garcia Ph.D.
(major professor : Carol Mallory-Smith)
Jennifer Bergh Ph.D.
(major professor: Sujaya Rao)
Elizabeth Brewer Ph.D.
(major professor: David Myrold)
Deeksha Grover Ph.D.
(major professors: Maria Dragila and John Baham)
Jess Holcomb M.S.
(major professors: Dan Sullivan and Don Horneck)
Naoyuki Ochiai Ph.D.
(major professors: Maria Dragila and Jennifer Parke)
Mike Quinn Ph.D.
(major professor: Carol Mallory-Smith)
Kimberly Skyrn Ph.D.
(major professor: Sujaya Rao)
Jarislav Von Zitzewitz Ph.D.
(major professor: Patrick Hayes)
Guomei Wang Ph.D.
(major professors: Oscar Riera-Lizarazu and Jeff Leonard)

NEW PERSONNEL

Dr. **Kate Lajtha**, recently of the Dept. of Botany and Plant Pathology, transferred her department affiliation to the CSS department in December of 2010. Kate's research is in forest soil biogeochemistry and works with OSU's Long Term Ecosystem Research (LTER) project at the Andrews forest and has collaborated with many faculty here in CSS.

Providing assistance to the faculty and staff of the Departments of Horticulture and Crop and Soil Science, Dr. **Susan White** joined us in October of 2010. Sue has taken the lead role in assembling the Category 1 proposal required for the creation of the new school that will come from the merger of our two departments. Sue came to us from the University of Delaware.

Laura Tilley ("Tilley") began working with Oregon Seed Certification Service on June 1, 2011. She moved to Corvallis one week prior to starting work—and really likes the town and the campus! She is learning quite a bit about tagging seed and the certification process. Previously Tilley worked as a property caretaker on a ranch in California, off the grid. She has experience in both office work and professional gardening—this combination of experience helps in Seed Certification. Along with reading (autobiographies and animal books), Tilley greatly enjoys hanging out with her senior cat. She is an animal lover.



Kyle Roerig joined the CSS department in October 2011. He is a recent graduate of Utah State University with a degree in agronomy. While obtaining his degree he worked in Weed

Science at USU and will continue in Weed Science at OSU as a Faculty Research Assistant.



Dr. **Robert Zemetra**, a professor of plant breeding and genetics at the University of Idaho, was hired in May 2011 to head the CSS department's renowned wheat breeding program. Bob will collaborate with other OSU scientists to

develop wheat germplasm and release new varieties with higher yields, better disease resistance and improved end-use properties. He also will serve as the primary ambassador between OSU and wheat industry leaders, including commissions, grower organizations, seed dealers and private breeding and biotechnology companies.

Gustavo Sbatella was hired as the new weed specialist at the Central Oregon Agricultural Research Center in Madras, replacing Rich Affeldt.



RETIREMENTS/RESIGNATIONS

DOUG BILSLAND, an OSU Faculty Research Assistant who worked at the USDA-National Forage Seed Production Research Center, retired in July 2011 after 31+ years.

GLENN FISHER, JOHN HART, and BILL YOUNG relinquished their tenured professorships and all have accepted half-time appointments in the department.

In November 2010, **BEN GREENWALT** accepted a position at Fiserv in Corvallis (OR). Their company does software and customer interfaces for banks and credit unions. Ben served as the departmental webmaster for CSS.

BARBARA HINDS-COOK resigned from her position in Weed Research to accept a job at DLF International Seeds based in Halsey, OR.

LINDSEY HOLLINGER, formerly of Seed Certification, accepted a position in Animal Sciences.

STEVE NORBERG, former Malheur County Extension Field Crops and Watershed Management Specialist, accepted a promotion to an Associate Professor position at WSU – Pasco in July 2011. He will serve as the regional specialist for Forage and Irrigated Cropping Systems for Agricultural Extension.

First hired to work for the Extension Soil Science Program in 1980, **JAYNE SMITH** retired in May 2011 from her position as office manager for the CSS department.



Jayne Smith “suffers through the humiliation” of being honored for her 30 years of service to the department.



Jayne Smith at her retirement reception with her family.
[from left: sister Janice, daughter-in-law Sarah, granddaughter Jordyn, (Jayne), son Dave, and son Rick]

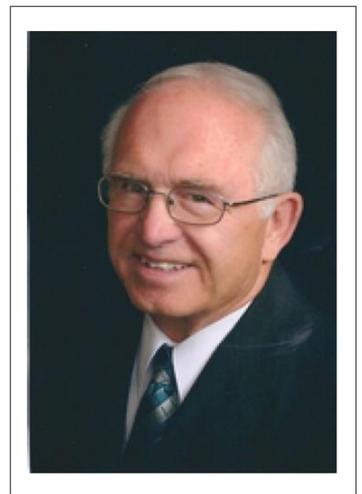
ROCKIE YARWOOD resigned his position as a faculty research assistant with Dave Myrold and the Stable Isotope Research Lab to follow his wife, alumna **STEPHANIE (BOYLE) YARWOOD** to the University of Maryland, where she accepted an Assistant Professor position.

IN MEMORIAM

Eldorra Hardin died on April 3, 2011. She was the wife of former head of the OSU Seed Lab, **ED HARDIN** (Ed also served as interim department head on two occasions—he died in 2000 at the age of 75). Eldorra was actively engaged in departmental activities while Ed was employed at OSU.



After a year of battle with cancer, **LYNN B. JENSEN**, 66, passed away on January 14, 2011 in Ontario (OR). He graduated from the University of Idaho in 1972 and did graduate work at Utah State University. In April 1983, Lynn came to work for OSU Extension as the Malheur County Onion and Potato Specialist. He was a professor for OSU and served as staff chair for Malheur County Extension Office for several years.



In April 2011, Blaine Maley passed away. Blaine was the eldest son of **JORDAN MALEY**, co-chair of the Gilliam County Extension Office.





After living 103 years, Dorothea “Dora” Rampton died on October 26, 2011. Dora was the widow of **HENRY H. RAMPTON**, who was an alumnus of the department and also worked for the USDA in cooperation with the Oregon Agricultural Experiment Station. Dora was the mother of six

children, 33 grand-children, 71 great-grandchildren, and seven great-great-grandchildren. As the family representative for the Rampton Memorial Scholarship, Dora attended the CSS department’s scholarship and award night almost every year after her husband’s death.



We were recently informed of the following alumni who have passed away:

Thomas Harrison
Arthur E. Irish
Jack W. Rogers

ALUMNI NEWS

SABRINA (BESKE) LEAR (BS 2010) emailed us recently to update us on her situation: *I work for a non-profit conservation group over here in Idaho and am enjoying it. I miss Oregon and OSU lots & lots!*

We’ve been updated on **DOUG HECKART** (BS 2006), who recently completed his MS at the University of Georgia. He is a PhD candidate at the same institution. He is also a senior author of a paper on herbicide resistance that was published in *Crop Science* 50:2632-2640 (2010). The paper “Obtaining Sethoxydim Resistance in Seashore Paspalum” can be found online at their website: www.crops.org

Dr. **SANTIBHAB PANCHABAN** (PhD 1981) wrote to us from his special (retired) professor position at Khon Kaen University in Thailand. He conducted his PhD program under the advisement of former professor Murray Dawson. He thanks the following professors for their hospitality to foreign students—Norm Goetze, Rod Frakes, David Chilcote, Neil Christensen, Larry Boersma, and Benno Warkentin, among many others. His research was supported by the Ford Foundation. If you’re heading to northeastern Thailand and would like to get in touch with him, please email him at santibha@kku.ac.th or phone him at 089-7123695 or 043-465701.

Now at 88 years young(!), **JOHN GRAY THOMPSON** (1948) told us that he helped start the OSU Master Gardener program in 1976. John retired in 1984. He was inducted into the Oregon 4-H Hall of Fame in 2002.

Still working primarily as a consulting soil scientist in Josephine and Jackson counties, **ROY MEYER** (1962) told us that he does soil testing for fertility and recently did a follow up project on a ten acre subdivision in Jackson County. He also has replaced the soil on the racetrack (horseracing) in Josephine County!

SPECIAL RECOGNITIONS

CARL HAUGERUD, an Oregon farmer and friend to the Department of CSS, has been selected as a member of the College of Ag Diamond Pioneer Registry. A luncheon for all Diamond Pioneers was held on October 12, 2011 at the OSU campus. Established in 1983 by the College of Agricultural Sciences, this award provides the opportunity to publicly recognize the accomplishments of individuals who have contributed to the well being of their community, industry, or state.

ENDOWED PROFESSORSHIPS AND FUNDS

In addition to scholarships, CSS is blessed with several large endowments that were established to fund specific program activities. The *George R. Hyslop Professorship* provides funding for grass seed research and education. **Tom Chastain** currently holds this professorship. The *Warren E. Kronstad Wheat Research Endowed Chair* provides funding for wheat research activities; **Bob Zemetra** currently holds this chair. The *Paul C. Berger Endowed Professorship* provides funding to support crop innovation and graduate student training. Funds are currently being used to support June Zhang—a graduate student of **Jennifer Kling**'s—who is working on meadowfoam seed germination. The *Paul R. Pugh Grass Seed Endowment* supports teaching, research and extension programs that benefit the Oregon seed industry. It has been used to provide partial support for **Mark Mellbye**. The *Appleby Weed Science Education Foundation* supports weed science graduate student and faculty training. The *OSU Forage/Livestock Research and Extension Fund* was endowed in 2007 and provides small grants for forage research. The Byron Scott Endowment was established by family members in 2008 in memory of Wil-lamette Valley farmer and rancher Byron Scott. Funds from this endowment are also used for forage-livestock as well as seed crop research and extension activities. Cereal hay and rangeland weed control studies have been funded for the past year.

These endowments provide a solid base of funding for research, teaching and extension activities in the Department. Knowing that these funds will be available, regardless of state or federal budget fluctuations, provides CSS with the freedom to experiment with ideas and techniques for which other funding may not be available. OSU and all of its academic units are actively seeking to establish other funds to solidify program support which allows faculty the freedom to think beyond the bounds of available state and grant funding. For information about current funds, see our web site

<http://cropandsoil.oregonstate.edu/News/contribute.html>.

Over the past years student travel funds have been established. Bob and Carolyn Witters established the Witter Fund to support graduate student travel to professional meetings and educational events. The Thomas Jackson fund [which had already been in existence but not quite at the endowed (\$25,000) level] was endowed through additional contributions and also dedicated to this purpose. Grace Armah-Agveman has also provided funds for travel by international women students. Travel award recipients are shown below.

*Thomas L. Jackson Memorial Fund
Travel Award Recipients*
Ryan Costello
Guomei Wang

*Robert and Carolyn Witters Fund for Support of
Plant Science Graduate Students Recipients*
Suphannika Intanon
Alicia Leytem
Sarah Maxfield-Taylor
Kim Phillips
Kimberly Skyrn
M. Dolores Vazquez

*Grace Armah-Agyeman
Travel Award Recipient*
Guomei Wang

As noted in "The Corner Office" article on page 1, a new fund was established in memory of **Mary Verhoeven** for student club support. Also, a group of former graduate students established a speaker sponsorship endowment in honor of their major professor, Moyle Harward.

If you would like to discuss establishing a new fund, please contact Russ Karow (email: russell.s.karow@oregonstate.edu)

ANSWER TO THE “PICTURE THIS” TRIVIA QUESTION:

If you guessed a **FLAX PULLER**, you were right! Ten **GOLD** stars are headed your way!



A historic flax puller that resided at Hyslop Farm is shown here on its way to the Yamhill County Historical Society & Museum for restoration and display. If anyone has pictures or additional information about this machine, the historical society would very much like to hear from you.

Yamhill County Museum
11275 SW Durham Ln.
McMinnville, OR 97128

<http://yamhillcountyhistory.org/>



Kevin Pompe,
Hyslop Farm
Mechanic,
prepares the flax
puller to be
loaded onto the
truck and then
hailed to the
Yamhill County
Museum.

HYSLOP FARM FIELD DAY MAY 25, 2011



At the 2011 Hyslop Field Day, **Jennifer Kling** presents her research on meadowfoam. Weather for this year's Field Day was quite varied—starting out with very cold rain, and although it may look like snow has fallen on the plots, the meadowfoam is actually blooming!



(above) Growers pay attention to **Andy Hulting's** (back to camera) presentation on weed management.



(left) **George Hoffman** describes choke management in orchardgrass to his audience.



Peter Bottomley describes research being done on nitrogen release in Willamette Valley cropping systems, while the rain showers continue to come and go.



The attendees shown here are experimenting with wheat crossing.



Proving the old adage “If you don’t like the weather, wait five minutes...” as true, the participants gather to look at weed control amid the historical wheat variety plots. We were fortunate as the clouds disperse (somewhat) to show how beautiful the Willamette Valley can be to those who live here.

OPTIONS FOR FUTURE NEWSLETTER ACCESS

If you would like to continue to receive a hard copy of the newsletter (via US Postal Service), please phone Tracy Mitzel (541-737-2441) or email (tracy.mitzel@oregonstate.edu) or complete and mail back the form on the last page indicating this choice.

If you would like email delivery of upcoming newsletters and/or notification that the newsletter is available at our website, please email Tracy (tracy.mitzel@oregonstate.edu) or visit <http://ipsi.oregonstate.edu> to register online.

Interested in Contributing to the Success of CSS Students and Programs?

Please complete this form and send it with your check to The Oregon State University Foundation, 850 SW 35th Street, Corvallis, OR 97333. Make checks payable to the **OSU Foundation**. (website is: <http://cropandsoil.oregonstate.edu/News/contribute.html>)

I am making a gift of \$_____ to Crop and Soil Science and would like it directed to the following:

- Where need is greatest
- Forage/Livestock Research and Extension Fund
- Potato Research and Extension Fund
- Rural School Science Education Fund
- Weeds Research and Extension Fund
- Appleby Weed Science Education Endowment
- Larry Burrill Memorial Scholarship
- Berger Endowment – New and alternate crop graduate student support
- Hyslop Endowment – Seed crop research, extension and teaching
- Kronstad Wheat Research Endowment – wheat research
- Pugh Endowment – Seed crop research, extension and teaching
- Tom Jackson Endowment - Student research/professional development support
- Henry Rampton Memorial Scholarship
- Appleby Service Award – A CSS faculty and staff award for above and beyond service to the department
- Witters Fund for Support of Graduate Students – Student professional development travel support
- McGuire Crop Science Scholarship Fund
- Verhoeven Student Engagement Fund
- Moyle Harward Issues in Ag Lectureship Fund
- Other _____

Name: _____

Address: _____

For more information on ways to support OSU and the Department of Crop and Soil Science through your estate planning, please contact:

Todd Bastian, CAS Director of Development
Oregon State University Foundation
850 SW 35th Street
Corvallis, OR 97333-4015
todd.bastian@oregonstate.edu
(541) 737-8724 Office
(541) 231-6346 Mobile

THANK YOU FOR YOUR SUPPORT!

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Oregon State University
107 Crop Science Building
Corvallis, OR 97331-3002

Find us online at
www.cropandsoil.oregonstate.edu



Crop and Soil Science Alumni – How are you? Please let us know where your path has taken you!

Name _____

Address _____

City _____ State _____ Zip _____

Email address _____

Graduation date _____ Department _____

What's new? _____

YES, I would like to continue receiving a hard copy of the newsletter. My address is correct as listed above or I've indicated my changes.

Please detach this page, fold, staple or tape and return to: Tracy Mitzel, Department of Crop and Soil Science, Oregon State University, 107 Crop Science Building, Corvallis, OR 97331-3002.

OR

I would like to receive future issues of the newsletter via email and/or receive an email notification of when the newsletter is available on-line. I realize that **I am NOT REQUIRED** to return this form via the US Postal Service. Please visit <http://ipsi.oregonstate.edu> to register for electronic delivery of the new School newsletter.