FROM THE CORNER AN UPSTAIRS OFFICE

by Russ Karow, Professor Almost-Emeritus

As you read this message, I will be moving into the final days of my formal employment with CSS and OSU. I have moved to a third floor office in the Crop Science Building and now have a view of some of the mountains and forest to the northwest of Corvallis – expanded horizons. As was announced last year, I will retire at the end of 2014. I may do some odds jobs for the department and college beyond that date, but have no plans to continue work in any formal fashion. I do plan to do some volunteer work. I will work with Arnold Appleby and other faculty, past and present, to pick up where Arnold left off in 1990 and catalog the next 24 years of CSS history. I am contemplating ways to use my knowledge of Oregon agriculture to create venues through which we can attempt to provide greater awareness of Oregon agriculture to the general public. I have started work on creation of a speaker’s bureau comprised of CAS faculty who can talk with Kiwanis and Rotary Clubs in the Portland area about general agriculture topics. Hoping to capitalize

“PICTURE THIS” TRIVIA QUESTION—

What is this a picture of?

(answer—and story—on page 4)

WHAT’S IN THIS NEWSLETTER?

DEPARTMENTAL NEWS
CSS ACADEMIC PROGRAMS
CSS AWARDS/RECOGNITION
NEWS ABOUT YOU, US, AND OTHERS

…and more!
on present day general public interest in history, I plan to write a book that provides a brief history of Oregon’s primary field crops. I plan to work with the Oregon Ag in the Classroom staff to see if there are educational items that I can develop that they think would be of use to K-12 teachers across the state.

These are all medium- to long-range plans. In the short term, my wife Marla and I plan to travel. We will take a trip to Hawaii in February 2015 with long-time friends and then visit our children in March. Our son is working in Southeast Asia, and our daughter and her husband will be in Japan during that period as well. We also plan to explore possibilities for doing volunteer work overseas. USAID, Winrock, ACDI-VOCA, and others have volunteer programs. If we can find a match with our professional skills, we will dabble in this arena to see if it is one in which we would like to spend more time. There are also endless local volunteer opportunities and we will explore these as well.

I sincerely thank all of you for your support and friendship over the past 31 years. We have lived through many changes in CSS, OSU, Oregon, the US, and in our world. The resiliency of those with whom I have worked on campus and across the state and region has never ceased to amaze me. As life has brought new challenges, people have looked to the next horizon and moved forward. New discoveries and friendships have been made and strong foundations established for those to follow. My goal when I became CSS department head 13 years ago was to work with department faculty, staff, students, alumni, and friends to maintain the existing operational foundation of the department, to strengthen it where possible, and to have the department in a condition where it could be handed off with some ease to the next head. In my assessment, we have accomplished that goal and I thank you for helping in that work. Jay Noller is already into nearly full swing in leadership of the department and will lead the department to even greater heights. I look forward to helping as I am needed and able in his efforts. Thanks for all you do for CSS.

Russ Karow

DEPARTMENTAL NEWS

ALUMNI/RETIREE DINNER

We had 15 people attend the event and participate in the CSS alumni, retired faculty and staff and friends dinner that was held on June 20, 2014 in the Crop Science Building. Good food and conversation was enjoyed by all. Steve Besse was our visiting elder statesman but we had many others with over 30 years of affiliation to CSS. Some people had not seen each other in decades, so memories flowed along with food and drink.

FALL 2014 DEPARTMENTAL PICNIC

The “Welcome Back to the School Year” picnic/potluck was held on September 24, 2014; this is the week before school begins and most of the new graduate students have arrived and settled in Corvallis. The gathering was held at the Avery Park Thompson Shelter. The weather was cool so some coats were required but no rain (yay!).

The department provided fried and grilled chicken, smoked pork, and veggie burgers for a vegetarian option, while the faculty, staff, and students brought potluck items. On the next page are some pictures from the event. Thanks to Emmalie Goodwin for providing the pictures.
Who am I? See my newborn pic on page 11.
“PICTURE THIS” TRIVIA — THE ANSWER!

If you guessed that this was a picture of a goat poking its head into a window at the Crop Science Building on campus, then you are CORRECT! Believe it or not, the “PICTURE THIS” trivia picture does have something to do with us! The picture is one of several goats who were “hired” to remove ivy from the east side of the Crop Science Building for several days in July. Theresa Hogue of the OSU’s Office of News and Research Communications wrote an article for the on-line website Life@OSU titled, “Goat herd ‘hired’ to remove invasive species from campus,” about the goats’ mission at OSU, and we used her article to write our article.

Briana Murphy, the shepherdess of the goats, owns a sustainable landscape management business called “Goat Power.” For the past three years, she has taken her herd of around 40 goats across Oregon and Washington to help property owners combat invasive plants with a natural (and furry) solution. Bill Coslow, landscape supervisor with facilities services at OSU, hired Briana to bring about 30 of her goats to attack a particular patch of pesky English ivy, known as the ivy mound, outside of the Crop Science Building. Bill had heard Briana present at a conference several years ago and in his interview with Hogue, he said that the “university is interested in trying out cost-effective, herbicide-free approaches to landscape management, and wanted to give the goats a trial run…. This is for our own evaluation and serves as a demonstration to others on campus. We’re interested in anything that uses no herbicides and doesn’t need fuel for equipment, and doesn’t require us to haul off the brush and send it to a landfill.” Briana’s herd arrived on one of the hottest July days in Corvallis this past summer and took to munching on the ivy as soon as she had fenced them away from restricted areas, i.e. plants that you might want to save. Hogue reports in her article that “contrary to popular belief and cartoon depiction, goats don’t eat everything down to the ground, but they do a great job in defoliating plants and reducing underbrush dramatically, to the point that it can be managed by hand, or eventually eradicated by repeat visits. (Shepherdess) Briana charges a flat day rate instead of by the acre because a property’s brush density could be anywhere from sparse shrubs to blackberries climbing a dozen feet into trees.” The Crop Science Building’s ivy mound took about a week of grazing due to the thickness of the underbrush. While the goats grazed, their popularity grew. The word got out and very soon people were stopping by to photograph the goat group and talk with Briana, who was with the herd 24 hours a day. The CSS Department installed a “goat cam” from inside the building where people could click on a live-stream of the goats munching away at the ivy. The goats provided entertainment and education for all who delighted in their visit. If you’re interested in Briana Murphy and her goats, you can contact her via email at GoatPower@MowingWithGoats.com or visit her website at http://www.mowingwithgoats.com/AboutUs.html

Between grazing, the goats rest in the shade.
CSS AWARDS AND RECOGNITION

FACULTY AND STAFF

The following people were successful in their bid for promotion or promotion and tenure:

- **BRIAN CHARLTON**—promoted to Senior Instructor I with tenure
- **ADAM HEESACKER**—promoted to Senior FRA I
- **LARRY PRITCHETT**—promoted to Senior FRA I
- **ANDREW ROSS**—promoted to Professor

Congratulations to all of you!

~ The 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)

2014 CSS Recipients:

- **30-Year Honorees** —
  - Russell Karow
  - David Myrold
  - Clinton Shock
  - Brian Tuck

- **35-Year Honorees** —
  - David Hannaway
  - Alexander (Sandy) Macnab

ADDITIONAL FACULTY AND STAFF AWARDS AND RECOGNITIONS

**MARY CORP**, Professor and Outreach and Engagement Regional Administrator for the Upper Columbia Basin, was named the Hermiston Woman of the Year at a February 5, 2014 event. The 41\textsuperscript{st} Annual Distinguished Citizens Awards Banquet was held at the Hermiston Conference Center, and it honors Hermiston’s best and brightest with a mix of sincere compliments and good-natured ribbing.

**SABRY ELIAS** was elected as the Crop Science Society of America’s Division C-4 (Seed Physiology, Production, and Technology) Chair-Elect. He will serve in 2015 and then become Division Chair in 2016. The CSSA reported that this year’s balloting showed that Sabry has a strong following in the Society, which appreciates his leadership and service.

**PAT HAYES** was awarded the College of Agricultural Sciences ARF Distinguished Faculty Award at a celebration in the CH2M Hill Alumni Center in October 2014.

**RUSS KAROW**, retired CSS Department Head, was awarded the Oregon Wheat Growers League Distinguished Service Award at the OWGL Annual Meeting and Gala on November 13, 2014, in Stevenson, WA.

**KATE LAJTHA**, Professor of Biogeochemistry in the CSS department, received notice in February that she had been nominated as a “Scientist of Distinction” by Springer Publications. This honor was in conjunction with International Women’s Day, celebrated in March 2014.
CAROL MALLORY-SMITH was honored in March 2014 by the Oregon Department of Agriculture as part of their Agricultural Progress Awards Dinner. Her work and research as a weed scientist in CSS at OSU was acknowledged as one of the Individual Contributions to Agriculture Awards. Carol has been engaged for many years in canola, herbicide resistance, and the recent GMO wheat issues on behalf of the State of Oregon.

CLINT SCHOCK, director and professor at OSU’s Malheur Experiment Station in Ontario, OR, and his regional group W2128 were given the National Excellence in Multistate Research Award. This award is highly competitive and well-deserved. The title and objectives of this award follows:

Title: W-2128, Microirrigation for Sustainable Water Use

Objectives:

- Compare irrigation scheduling technologies and develop grower-appropriate scheduling products
- Develop design, management, and maintenance recommendations
- Develop best management practices for application of agrochemicals
- Evaluate use of non-potable water through microirrigation

Congratulations to Clint and his regional group!

At OSU’s University Day on September 18, 2014, GARRY STEPHENSON, and his team of Small Farms Program Specialists throughout the state, won the OSU Outreach and Engagement Award. This well-deserved award recognizes Garry’s work in development, growth, and maintenance of the OSU Small Farms and Community Food System program. RUSS KAROW noted that Garry has been and is an engaged and insightful team leader with a true vision for what outreach and engagement can be.

The College of Agricultural Sciences presented GARRY STEPHENSON’s Small Farms Program the James and Mildred Oldfield/E.R. Jackman Team Award at their awards ceremony in October 2014. Garry’s team includes: Melissa Fery, Lauren Gwin, Nick Andrews, Maud Powell, Melissa Matthewson, Kristin Pool, Heide Noordyke, Chrissy Lucas, and Amy Garrett. Congratulations to all!

GRADUATE STUDENTS

ANDREW GIGUERE was awarded the 2014-15 Oregon Lottery Graduate Scholarship award. The competition for this scholarship is university-wide and is held with much prestige. Selection for this award is certainly a high honor for which Andrew is very proud.

BRIANNA RANDOW, an M.S. student in Crop Science with DAVID HANNAWAY as her major advisor, was selected as the departmental nominee for the 2014 Gerald O. Mott Award. The Mott Award, administered through the Crop Science Society of America, recognizes top-notch graduate students pursuing advanced degrees in crop science disciplines. Departments select students based on academic achievements, research and teaching contributions, leadership accomplishments, services activities, and personal qualifications. The award honors the first CSSA President Gerald O. Mott, who trained 75 graduate students during his 45-year career at Purdue University and the University of Florida. Many of his students became eminent forage scientists.

BRIANNA was also added to the 2013-14 College of Agricultural Sciences Registry of Distinguished Students at the Celebrating Student Excellence Awards banquet held by the CAS in May of 2014. You rock, Brianna!
The Department of Crop and Soil Science offers more than 25 student scholarships each year. For the 2014-15 academic year, $28,947 in departmental scholarships were awarded, and an additional $43,855 from other funds (including College of Agricultural Sciences, professional society, and industry sources) was also given to CSS students as either scholarships or awards for a total of $72,802. The Student Honors and Awards Reception Night was held on May 27, 2014 at the LaSells Stewart Center on campus, where we also honored graduate and undergraduate students who had been awarded their diplomas throughout the academic year.

Vance Almquist, Graduate Student  
- Crop Science Scholarship

Gloria Ambrowiak, Graduate Student  
- Crop Science Scholarship

Shannon Andrews, Graduate Student  
- Crop Science Scholarship

Duangporn Angsumalee, Graduate Student  
- Grace Arman-Agyeman Travel Award

Nathan Azevedo, Undergraduate Student  
- Rod & Ruby Frakes Scholarship  
- Dorothea & Henry Rampton Memorial Scholarship  
- McGuire Crop Science Scholarship

John Beitel, Undergraduate Student  
- M. Dale Chipman Memorial Scholarship  
- William & Heidi Geschwill Scholarship

Araby Belcher, Graduate Student  
- Crop Science Scholarship  
- Robert & Carolyn Witters Travel Fund

Pete Berry, Graduate Student  
- J. Ritchie Cowan Memorial Scholarship  
- Crop Science Scholarship

Henry Cakebread, Undergraduate Student  
- Arthur King Memorial Scholarship

Stephany Chacon, Graduate Student  
- Crop Science Scholarship

Raven Chavez, Undergraduate Student  
- John & Jean Krautscheid Scholarship

Chase Cochran, Undergraduate Student  
- John Flanagan Memorial Scholarship  
- Jess Hanson Scholarship

Rachel Danielson, Graduate Student  
- John R. & Helen H. Thomas Scholarship

Jennifer Fedenko, Undergraduate Student  
- Rod & Ruby Frakes Scholarship

Gabriel Flick, Graduate Student  
- William Kent Wiley Memorial Scholarship  
- Crop Science Scholarship  
- Oregon Society of Weed Science Scholarship

Fumiaki Funahashi, Graduate Student  
- J. Ritchie Cowan Memorial Scholarship  
- Robert & Carolyn Witters Travel Fund  
- Thomas L. Jackson Memorial Travel Fund

Elizabeth Garton, Graduate Student  
- Crop Science Scholarship  
- Robert & Carolyn Witters Travel Fund

Andrew Giguere, Graduate Student  
- Oregon Lottery Graduate Scholarship  
- Robert & Carolyn Witters Travel Fund

Ryan Graebner, Graduate Student  
- Robert & Carolyn Witters Travel Fund

Dustin Herb, Graduate Student  
- Robert & Carolyn Witters Travel Fund

Bryan Ibarra, Undergraduate Student  
- Hyslop Endowment Scholarship  
- Wilbur Powers Memorial Scholarship  
- Robert H. Warrens Memorial Scholarship

Matthew Klein, Graduate Student  
- Crop Science Scholarship

Dylan Larkin, Undergraduate Student  
- Oregon Seed Growers League Scholarship  
- James H. Weatherspoon Scholarship
Sarah Light, Graduate Student
  • Crop Science Scholarship
  • Thomas L. Jackson Memorial Travel Fund

Jiang Scott Liu, Graduate Student
  • J. Ritchie Cowan Memorial Scholarship

Mingyang Liu, Graduate Student
  • Larry C. Burrill Memorial Scholarship

R. Chase MacPherran, Graduate Student
  • Gamma Sigma Delta Scholarship

Christy McCarthy, Undergraduate Student
  • Sheldon L. Ladd Memorial Scholarship
  • Oregon Seed Association Scholarship
  • CSS Outstanding Senior

Justin McClaughry, Undergraduate Student
  • John Flanagan Memorial Scholarship

Brigid Meints, Graduate Student
  • Robert & Carolyn Witters Travel Fund

Trang Nguyen, Graduate Student
  • Grace Armah-Agyeman Travel Award
  • Robert & Carolyn Witters Travel Fund

Kristopher Osterloh, Graduate Student
  • Crop Science Scholarship

Tyler Pluhacek, Undergraduate Student
  • Donald D. Hill Memorial Scholarship
  • Johnny R. & Helen H. Thomas Scholarship

Kelsey Potter, Undergraduate Student
  • Wilson H. Foote Memorial Scholarship
  • Oregon Seed Cleaning Scholarship

Brianna Randow, Graduate Student
  • Crop Science Scholarship
  • Robert & Carolyn Witters Travel Fund

Colleen Roseborough, Graduate Student
  • Robert & Carolyn Witters Travel Fund

Holly Schriever, Undergraduate Student
  • Western Seed Association Scholarship

Katherine Smith, Undergraduate Student (EOU)
  • Timothy Scott Wirth Memorial Scholarship

Kenneth Smith, Undergraduate Student
  • John Flanagan Memorial Scholarship

Trina Steward, Undergraduate Student
  • Leo L. Anderson Jr. Memorial Scholarship in Soil Science

April Strid, Graduate Student
  • Crop Science Scholarship

Yulin Sun, Graduate Student
  • J. Ritchie Cowan Memorial Fellowship

John Weber, Undergraduate Student
  • John & Jean Krautscheid Scholarship

Dustin Welters, Undergraduate Student
  • Hal & Lois Schudel Scholarship

Jun Zhang, Graduate Student
  • J. Ritchie Cowan Memorial Fellowship
  • Robert & Carolyn Witters Travel Fund

CSS GRADUATES
2013-14

Undergraduate Students

Roslyn Albee (F’13)   Sierra Engler (Sp’14)
Jonathan Blatchford (Sp’14)   Mi Hye Kim (Sp’14)
Michael Bonacorsi (Sp’14)   Jacob Kollen (Sp’14)
Patrick Boyle (Su’14)   Matthew Levitt (Sp’14)
Aimee Clark (Sp’14)   Yitian Lin (Sp’14)
Christopher Conatser (Sp’14)   Andrew Livesay (W’14)
Gabriella Coughlin (Sp’14)   Christy McCarthy (Sp’14)
Leslee Crawford (Su’14)   Holly Schriever (Sp’14)
L. Kristin Dexter (Su’14)
CSS ACADEMIC PROGRAMS (cont.)

CSS GRADUATES
2013-14

Graduate Students

Marci Burton (Su’13, MS)
(major professor: David Myrold)

Jed Cappellazzi (W’14, MS)
(major professor: David Myrold)

Natalie (Allen) Edwards (F’14, MS)
(major professor: Jennifer Parke)

Justin Hynicka (Su’14, MS)
(major professor: Julie Pett-Ridge)

Suphannika Intanon (Su’13, PhD)
(major professor: Carol Mallory-Smith)

Marco Keiluweit (F’13, PhD)
(major professor: Markus Kleber)

Xinda Lu (Sp’14, MS)
(major professor: David Myrold)

Jade Marks (Su’14, MS)
(major professor: Julie Pett-Ridge)

Bianca Martins (W’14, PhD)
(major professor: Carol Mallory-Smith)

Sarah Maxfield-Taylor (W’14, MS)
(major professor: Sujaya Rao)

Matthew McClintock (Su’14, MS)
(major professor: Julie Pett-Ridge)

Megan McGinnis (Su’13, MS)
(major professor: David Myrold)

Brigid Meints (Sp’14, MS)
(major professor: Patrick Hayes)

John Miskella (W’14, MS)
(major professor: Andy Hulting)

Veronica Nelson (Sp’14, MS)
(major professor: Sabry Elias)

Colleen Roseborough (F’14, MS)
(major professor: Bob Zemetra)

Nathaniel Tisdell (F’14, MS)
(major professor: David Myrold)

Kimberly Townsend (F’13, MS)
(major professor: Kate Lajtha)

M. Dolores Vazquez (W’14, PhD)
(major professor: Bob Zemetra)

John Yeo (Su’14, PhD)
(major professor: Dan Sullivan)

DEAN’S LIST OF UNDERGRADUATES, 2013-14

Ruben Aleman (Sp’14)

Nathan Azevedo (F’13, Sp’14)

Michael Bonacorsi (Sp’14)

Henry Cakebread (F’13, W’14, Sp’14)

Raven Chavez (W’14, Sp’14)

Chase Cochran (F’13, W’14, Sp’14)

Christopher Conatser (Sp’14)

Sierra Engler (Sp’14)

Jason Hayes (W’14, Sp’14)

Brian Hill (F’13)

Mi Hye Kim (Sp’14)

Kathleen Knight (F’13, W’14)

Jacob Kollen (F’13, W’14, Sp’14)

Dylan Larkin (F’13, Sp’14)

Christy McCarthy (W’14, Sp’14)

Justin Mcclaughray (W’14)

Tyler Pluhacek (F’13, W’14, Sp’14)

Kelsey Potter (Sp’14)

Holly Schriever (Sp’14)

Trina Stewart (Sp’14)

John Weber (F’13, W’14, Sp’14)
NEW PERSONNEL

JUDIT BARROSO, CBARC Weed Scientist (replacing DAN BALL who retired December 1, 2013). Judit (Judy) was a post-doctoral research associate at Montana State University, Bozeman. She has extensive research experience in applied and ecological weed management. She began her position on October 30, 2014. Welcome, Judy!

LAURA HELGERSON, FRA, effective 1/1/15 (formerly a Biological Sciences Research Technician 2)

ANDREW HUNT, Agronomy Instructor, hired October 15, 2014

The Columbia Basin Agricultural Research Center in Pendleton has hired a new director. VALTCHO JELIAZKOV began his new job at CBARC in October 2014. In a story written by OSU Extension Service’s Communication Director, Peg Herring for OSU Ag News in August 2014, we learned a little bit about Valtcho, who began his career studying plant nutrition in his native Bulgaria and has also done research and teaching at the University of Massachusetts, Mississippi State University, and Dalhousie University in Nova Scotia. Before coming to OSU, Dr. Jeliazhkov was the director of the University of Wyoming’s Sheridan Research and Extension Center where his focus was on dryland cropping systems. Herring’s article also noted that the CAS’s Dean Daniel Arp gave special mention to STEPHEN MACHADO, who served as interim director of CBARC since 2013.

HANNAH KAMMEYER was hired as the Cereal Variety Outreach Coordinator, a new position that was developed for the CSS department and has no parallel in the OSU system. Hannah’s position is being funded through royalty dollars coming to the wheat breeding program. She is to provide information about our wheat varieties to our licensed seed associates, growers, and the general public. Hannah began her new position in late July and spent the first few weeks on the road with Assoc. Professor and Extension Cereals Specialist, MIKE FLOWERS, and GREG VOLLMER, where she met people and saw places involved in our wheat variety development program. Hannah graduated in 2013 from OSU with a degree in Ag Business Management, with a minor in Animal Science. Her family has a farm and operates a seed and feed store in Estacada, OR.

ADAM LINDSLEY, hired as ECampus Instructor, 9/16/14

LEEANDRA RICKARD, Biological Sciences Research Technician 1, effective 10/10/14

CLARE SULLIVAN began her duties in June 2014 as the new South Willamette Valley field crops faculty member, succeeding Paul Marquardt. She has responsibilities for field crops extension and applied research activities in Linn, Benton, and Lane counties, with limited responsibility to mid-Valley growers. Clare received her MS degree in Soil Science from the University of Saskatchewan and has work experience in IPM, crop management, water quality, and university teaching. She is fluent in both Spanish and French, and has traveled and volunteered internationally. Reporter Alex Paul of the local newspaper, Albany Democrat Herald, interviewed Clare for an article in June 2014. From that article, titled “New OSU Extension Crops Specialist Getting Out and About on Area Farms,” we also learned that Clare “was excited to be living in the mid-valley and putting her experience in soil nutrients to work, although she admits she will have to get up to speed on the intricacies of growing and harvesting grass seed.” To quote Clare: “I really wasn’t sure what I wanted to study in college, but in high school, I liked the sciences. Fortunately, at the University of British Columbia” (where Clare did her undergraduate work), “there was an interdisciplinary program in natural sciences, and that’s when I really became interested in agriculture. The university has a student farm and I worked there….. I also studied horticulture with fruit trees, range management and even aquaculture.” After graduating from the University of Saskatchewan in 2012, Clare took a contract job with the Ministry of Agriculture in British Columbia. “I was hired to coordinate a soil study that looked at the overabundance of nutrients in soils. There is more animal waste to put on land than there is land available.” Clare is quoted as saying that this can lead to high nitrate levels in area groundwater. “I worked with about 100 farmers on 200 fields. The goal is for farmers to put on enough nutrients to produce maximum yields, but not so much that it is harmful to the environment, or that they are wasting money.” Welcome, Clare!
NEW PERSONNEL (cont.)

WILLIAM “BILL” THOMAS, instructor, hired 9/16/14
KIM TOWNSEND, instructor and FRA, hired 4/15/14

TRACY WILSON will be joining the department as an Assistant Professor in Soil Health and Plant Nutrition based at the Central Oregon Agricultural and Research Center in Madras, OR. Tracy comes to us from Oklahoma State University where she will receive her Ph.D. in Plant and Soil Sciences in December under the advisement of major professor Jason G. Warren. She will begin her new position in January 2015. Welcome, Tracy!

RETIREMENTS/RESIGNATIONS

JOHN BAHAM submitted his resignation and relinquishment of tenure on September 1, 2014. John served as the Soils Chemistry professor for the department, teaching throughout his time at the university, and most recently heading up the ECampus courses, SOIL 205E and SOIL 395E. The SOIL 205E course is one of only a handful of lab courses taught over the internet. John will continue working on an hourly wage academic appointment through December 2014.

Additional Retirements/Resignations:

<table>
<thead>
<tr>
<th>Name</th>
<th>Date of Action</th>
</tr>
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<tbody>
<tr>
<td>Dan Ball, retired</td>
<td>12/1/13</td>
</tr>
<tr>
<td>Ann Corey, retired</td>
<td>9/1/14</td>
</tr>
<tr>
<td>John Hart, finished</td>
<td>6/30/14</td>
</tr>
<tr>
<td>Suphannika Intanon,</td>
<td>12/31/14</td>
</tr>
<tr>
<td>Bill Young, will finish</td>
<td>12/31/14</td>
</tr>
<tr>
<td>Stephanie Jenck, resigned</td>
<td>8/31/14</td>
</tr>
<tr>
<td>Russ Karow, retired</td>
<td>11/30/14</td>
</tr>
<tr>
<td>Josh Phillips, resigned</td>
<td>4/30/14</td>
</tr>
<tr>
<td>Barb Reed, retired</td>
<td>8/1/14</td>
</tr>
</tbody>
</table>

DEPARTMENTAL PERSONNEL NEWS

Born on May 19, 2014, ROCKWELL KENNETH ONSTOTT, was welcomed by his parents, JESSICA and CURT ONSTOTT, and older brother Nate. (Did you see his “grown-up” picture on page 3?)

ADAM LINDSLEY, former MS graduate student in the Soils portion of the department and current ECampus Instructor for some of the on-line courses, welcomed daughter SAGE UNA LINDSLEY. Sage was born on August 5, 2014, the day that her father had chosen to defend his thesis! That defense obviously got delayed for Sage’s arrival!

JIANG SCOTT LIU, MS graduate student in Crop Science, is the proud papa of a new baby, ASHLEY, born in September.

Faculty Research Assistant, EVAN HANSEN, became a daddy to HUNTER, also born in September.
JENNIFER PARKE, Associate Research Professor in Botany and Plant Pathology and in Crop and Soil Science, is a co-Principal Investigator on a new USDA-NIFA-SCRI grant on water-borne plant pathogens in recycled irrigation water. CAS Associate Dean, Stella Coakley, provided the following article to us from the USDA news release:

A national team of scientists working to encourage use of alternative water resources by the nation’s billion-dollar nursery and floriculture industry has been awarded funds for the first year of an $8.7 million, five year US Department of Agriculture – National Institute of Food and Agriculture – Specialty Crop Research Initiative competitive grant. The team will develop and apply solutions to assist grower decision-making by providing science-based information to increase use of recycled water. This award from the NIFA’s Specialty Crop Research Initiative will be managed by Project Director Sarah White of Clemson University. She will lead a group of 21 scientists from 9 U.S. institutions. Titled “Clean WaterR3 - Reduce, Remediate, Recycle – Enhancing Alternative Water Resources Availability and Use to Increase Profitability in Specialty Crops,” the Clean WaterR3 team will assist the grower decision-making process by providing science-based information on nutrient, pathogen, and pesticide fate in recycled water both before and after treatment, average cost and return-on investment of technologies examined, and model-derived, site specific recommendations for water management. The trans-disciplinary Clean WaterR3 team will develop these systems-based solutions by integrating sociological, economic, modeling, and biological data into a user-friendly decision-support system intended to inform and direct our stakeholders’ water management decision-making process. Co-PI Jennifer Parke of Oregon State University will lead the team in determining risks of waterborne plant pathogens in recycled irrigation water and determining economic losses attributable to waterborne plant pathogens.

SILVIA RONDON. Associate Professor and Extension Entomologist Specialist at Hermiston Agricultural Research and Extension Center, was part of the “Our People” section on the University Outreach and Engagement website back in May 2014. This website gives readers glimpses of those at work for the Extension Service. We discovered a few things about Silvia: Hometown is Lima, Peru, but she’s been in Hermiston since 2005. The best part of her job—talking and meeting people and FLC. What’s FLC? you may ask. Silvia replies:

F reedom !!! I love the idea to guide my program following the needs of my clientele;

L ocation !!! Eastern Oregon is a “hidden” gem;

C oworkers !!! The people I work with at the HAREC are just great.

After being asked what someone might be surprised to know about her, she replied: I love music (good music)—AC/ DC, Creed, Arctic Monkeys, oldies Billy Idol, and others. Soft side of music would be John Mayer and Nora Jones. Her Favorite Book/Movie/Album: Favorite book is Mi planta de naranja Lima (My plant or orange-lime) by Jose Mauro Vasconcelos. Favorite movies are Serendipity and Star Wars.
IN MEMORIAM

In July, the department learned of the passing of NORMAN R. GOETZE, a career professor in the department, teaching courses in agronomy, and working for the Extension Service in many capacities. He was 84 and is survived by his wife Barbara. They had three children together and four grandchildren. Norm, along with his teaching and Extension work, also ran the family farm on the weekends and in the summers. After retirement, he continued to volunteer by working with the Oregon wheat industry in various roles. The OSU Farm Crops department recognized his accomplishments by naming a wheat variety in his honor. As part of Norm’s contributions to OSU, the Extension Service, and the wheat industry, the CSS department has established an endowment in Norm’s memory. We hope to use this fund to support professional development activities of agricultural extension faculty. See how to contribute to this fund by following the directions on the penultimate page of this newsletter.

The CSS department was shocked and saddened when we heard the news of the unexpected death of DONALD HORNECK on September 28, 2014. His memorial service was on October 4 in Hermiston, attended by many friends, faculty, and students from the Corvallis area. The following memoriam was prepared for the Crop Soil Agronomy (CSA) News by Bob Miller, a colleague of Don’s from Colorado, with assistance from Joan Davenport (Washington State University), and DAN SULLIVAN (OSU).

“Donald Horneck passed away suddenly on September 28, 2014 at his home in Irrigon, OR. He was 56. He was born February 28, 1958 in Chicago, IL, and earned his BA degree at Monmouth College, Monmouth, IL, in 1980 majoring in Geology and Biology. In 1982 he earned his MS degree is Soil Science from the University of Illinois at Urbana Champaign. From 1982-1984 he was employed as a research associate in the Mississippi State University Extension Service’s Soil Testing Laboratory in Starkville, MS. From 1984 through 1993, he managed the Oregon State University’s Soil Testing Laboratory; in 1994 he graduated with his PhD in Soil Science with Chemistry and Environmental Engineering minors. He was hired by Agri-Check in Umatilla, OR as the Soil Chemist/Agronomist. Since 2000 he has been employed as an Extension Agronomist by OSU at the Hermiston Agricultural Research & Extension Center and a member of the OSU faculty. His research on potato and onion production practices in eastern Oregon and Washington improved production practices in the region and he was often called upon to provide educational training on potato production. He held certifications as a Certified Crop Advisor and a Certified Professional Soil Scientist since 1998; he received multiple university faculty and professional society awards, and was responsible for providing educational pesticide and CCA licensing for local growers and field men in eastern Oregon.

He was an active member in the Soil Science Society of America and served as S-8 Division chair from 2005-2006; chair of the NAPT oversight committee S890 2006-2007; and served on S877 and S899 committees. He was an active member of the Soil and Plant Analysis Council (SPAC) for twenty-five years and served as their President from 2005-2007; during this service he helped organize the 3rd International Symposia in Olympia, WA, and 10th in Budapest, Hungary. He contributed three chapters to a SPAC book entitled A Handbook of Methods for Plant Analysis in 1998. He was a member of the Western Society of Soil Science, Oregon Society of Soil Scientists, and National Extension Association. He was an active member of the Western Education/Extension and Research Activities (WERA-103) Committee where he assisted in planning eight workshops. He also co-authored the publication on Soil, Plant and Water Reference Methods for the Western Region, as well as authored several articles for the regional newsletter. He authored/co-authored thirty-six extension publications, nine peer-reviewed papers and forty-five scientific abstract proceedings.

Dr. Don Horneck was a member of the advisory board for the Pacific Northwest Vegetable Association and was active in planning annual conventions. He had made international lectures on atmospheric ammonia in Mexico and Guatemala. In his private life, he was active in the Hermiston community as a soccer coach and referee in AYSO and high school soccer in eastern Oregon. Don especially enjoyed rock collecting and gem polishing and spent many hours collecting across eastern Oregon. He was a member and former president of the Hermiston Hatrockhounds and local chapter of the Lions International. He is survived by his wife, Victoria Horneck, and three children—Amythest Horneck, Abigail Ross, and Brian Horneck.”
IN MEMORIAM (cont.)

MELINDA HUDDLESTON, wife to soils emeritus professor, J. HERBERT HUDDLESTON, passed away in April 2014, from the cumulative effects of a lifetime dealing with diabetes and kidney disease. Lindy, the name she was fondly known by, and Herb had two children, Alex and Leith. She was 56. She came to Corvallis in 1989 and worked as a unit secretary at the Good Samaritan Regional Medical Center until 2003. In her spare time, she loved gardening, making glass art, knitting, and reading. Because of her love for animals, donations in her name were made to the Heartland Humane Society by the Agricultural Research Foundation.

The wife of ALEXANDER (SANDY) MACNAB, Extension agent in Sherman County, passed away in May 2014. Mary Anne Paulin Macnab was 61 and suffered from cancer. She was the mother of three children and a grandmother of two grandchildren. Born in Ontario and raised in Idaho, Mary returned to Oregon to be closer to the ocean. She worked as a secretary in the State 4H Office. Later as a stay-at-home mom, she kept busy with many creative interests outside the house. Gardening, painting, quilting, ukulele lessons, and reading were passions for her. Many of her art works were displayed at a gallery in Moro, which she also worked to keep open. Mary Anne co-superintended the Open Class Pavilion at the Sherman County Fair after several years of managing the Kid’s Corner. She and her husband were Grand Marshals for the 2013 Cherry Festival in The Dalles and were named as Grand Marshals for the 2014 Sherman County Fair.

HAROLD L. (HAL) SCHUDEL passed away at his home in Corvallis in June 2014. He was 96. Hal attended the University of Nebraska where he studied agronomy, agricultural economics, and animal husbandry. He and his wife, Paula, eventually settled in Oregon after being “fascinated by the Willamette Valley.” He applied for and received a fellowship at Oregon State College, where Hal began his studies toward a doctorate and, in 1953, he received his degree and starting teaching in the OSC Department of Farm Crops. In 1955, he and a partner decided to generate income in the wintertime by growing Christmas trees. This became a success and in 1972, Hal purchased his partner’s interest and he and his three sons started the Holiday Tree Farm, the largest in the world, shipping more than 1 million trees a year. Hal and his second wife, Lois, decided to add another business at their Blodgett ranch—where they raised and bred quarter horses through the 1980s. They went on to retire from the Christmas tree farm and purchased a ranch in Central Oregon where they raised and bred Black Angus cattle and grew vegetable seed crops. They retired back to Corvallis in 2007. In 2013, Hal was awarded one of OSU’s highest honors as the recipient of the E.B. Lemon Award for Outstanding Alumni. He was proud to be called grandpa by his 28 grandchildren and great-grandchildren. In 2008, the Schudels pledged $1,000,000 to endow a fund for agricultural scholarships at OSU. Always one to want to see the people for whom the fund was set up, Hal didn’t want the endowment to wait to come out of their estate; he made a cash donation to fund four full scholarships and he and Lois met with those recipients as recently as in May 2014, where they sat on the Schudel’s deck and had lemonade.

AGNES ANN VOMOCIL, wife of JAMES VOMOCIL (soils emeritus professor), passed away on May 11, 2014 in Corvallis, OR. Agnes Ann was the mother to three sons and grandmather to five grandchildren and two great-grandchildren. Agnes Ann married Jim in November 1946 in Michigan and then eventually settled in Corvallis in 1966. She volunteered much of her time protecting and caring for her animal friends, and also volunteered as a Cub Scout leader and at the OSU Folk Club Thrift Shop, where her specialty was “markdown.” She will be greatly missed.
IN MEMORIAM (cont.)

DOROTHY BRABHAM ZIMMERMAN, wife of former agricultural extension agent for Sherman County, MARTIN ZIMMERMAN, passed away on August 21, 2014 at their home in Dallas, OR. Dorothy was born in Corvallis, OR, and went to OSU when it was still called Oregon State College. She met Martin through the Wesley Foundation at OSC and they married in 1955. She eventually taught adult education classes and, after she and Martin moved to Madras, OR, as empty-nesters, Dorothy continued to inspire many others with her enthusiasm and passions for the textile and calligraphic arts. Dorothy was the mother to three children and a grandmother to two.

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

Robert H. Sawyer (Prineville, OR)
Paul H. George (Arizona)

ALUMNI NEWS

JENNIFER HUMPHREYS GOURLIE, ’98, checked in with us to say that she’s “worked for 10 years for Dick Smiley as an FRA at the Columbia Basin Agricultural Research Center, working on wheat diseases. I’m getting ready to move to Australia, where my husband is from, and ready to stay home and just be mom to my two boys.” Hope you’re doing well in the “land of Aus” Jennifer!

ARTHUR MATCHES, BS’52, MS’54 (Farm Crops), wrote to us and reports that “I have retired and my wife and I now live in Fort Worth, TX. We look forward to receiving the issues of this publication.”

THOMAS TATE, ’55 (Soil Science), reports that he “retired from farming (grass seed production) three years ago and am now back to music full time, playing jazz piano five nights/week in Salem (OR) at DaVinci’s Italian Ristorante and Wine Bar There since 2012. Wife Donna still a florist and hand crafter (catsofchristmas.com).”

JACK WARREN wanted to let us know that as a friend of the department, he “worked closely with OSU research and Extension personnel” (including ARNOLD APPLEBY, DAN BALL, and JOHN LEFFEL) “in producing research experiments all over Oregon.” He received his PhD in Entomology at MSU in 1958.

Professor Emeritus ARNOLD APPLEBY informed us that he had heard from alum BARBARA WELLS (PhD Weed Control, 1989). She has been appointed as the new Director General for the International Potato Center at Lima, Peru. The International Potato Center has over 700 staff in 20 countries. Although it is headquartered in Peru, most of the funding is for programs in sub-Saharan Africa, Asia, and China; their budget is over $95,000,000. Major funding is from AID and the Bill and Melinda Gates Foundation. Arnold commented how much it pleases him to see former graduate students who have done so well after they have left the department.
**SPECIAL RECOGNITIONS**

Friend of the department and wife of **ARNOLD APPLEBY** (Crops Emeritus Professor), **GERRY APPLEBY** was recognized by the Adams Elementary School where they rededicated their library in her honor back in April 2014. After she and Arnold moved to Corvallis in 1959 from Kansas, where she was a teacher, Gerry decided to be mom to their two sons, Brian and Brent, while working as a substitute teacher at Adams. Arnold convinced Gerry to go back to teaching and she became a fulltime teacher at Fairplay Elementary School, where she remained for 20 years until her retirement in 1999. However, the draw of teaching was too much and she continued to substitute teach and volunteer at Adams. At the dedication, the 14 classrooms of students were requested to bring a book that represented their classroom; each of these books were personally dedicated to her and will remain at the library.

**GEORGE PUGH recognized by the Oregon Ryegrass Growers Association**—George Pugh, a long-time supporter of the Department of Crop and Soil Science, was recognized by the ORGA with their “Annual Service Award” in January. George has a long history of service to Oregon agriculture, in particular, the Oregon seed industry. He has served several terms as a member and chair of both the Oregon Ryegrass Growers Seed Commission and the Oregon Tall Fescue Commission. In addition, he has held leadership roles on the Oregon Seed Council and has chaired nearly all of its committees, plus he is a past president of the Oregon Seed Growers League.

He has been a cooperator in countless field trials for grass seed, meadowfoam, wheat and other crops to evaluate seeding rates, varieties, fertility, plant growth regulators and pest control. Through his vision and leadership positions, George Pugh has had a significant impact on the seed crop industries of Oregon.

Past recognition of his service to Oregon agriculture includes OSGL’s “Seedsman of the Year” award (1999) and his induction to OSU’s College of Agricultural Sciences’ “Agricultural Hall of Fame” (2006). In addition, Mr. Pugh served two terms on the Oregon State Board of Agriculture and as the Board’s chair—evidence that he has been a valued leader in Oregon agriculture in general.

Congratulations to George Pugh as this year’s recipient ORGA “Annual Service Award.” The Department of Crop and Soil Science is pleased to have him as a cooperator and supporter of our programs.

*(Thanks to Bill Young for providing this article.)*

**DIAMOND PIONEER REGISTRY:** In October, a recognition luncheon was held to honor those people nominated to the Diamond Pioneer Agricultural Achievement Registry. The department nominated **LARRY COPPOCK** (third from right in picture below) of Adams, OR, and **MARTIN ZIMMERMAN** (far right in picture below) of Dallas, OR. The Registry was established in March 1983 when the College of Agricultural Sciences observed its 75th anniversary. With the Registry, the College recognizes the significant contributions of many of our friends and colleagues who have served agriculture and related areas throughout a portion of their careers.
The Hyslop Farm Field Day event was held on May 28, 2014 at Hyslop Farm off of Granger Road (between Corvallis and Albany, OR). Below are some pictures from the Field Day, where the agenda included: Tillage and establishment systems in annual ryegrass seed production (Tom Chastain); Developing new winter wheat cultivars for Oregon (Bob Zemetra); Stripe rust, Septoria, and fungicide resistance (Chris Mundt); Canola research updates on disease management and other production-related issues (Carol Mallory-Smith and Cindy Ocamb); Updates on weed management in grass seed crops (Andy Hulting); Winter barley breeding efforts (Pat Hayes); Utilizing irrigation and plant growth regulators to increase red clover seed yield/nutrient management practices in red clover seed production (Nicole Anderson and Tom Chastain); Sinapsis alba: Potential oilseed rotation crop for the Willamette Valley (Alyssa Duval). Photos provided by Russ Karow.
Barley presenters (from left):

Dustin Herb (graduate student); Scott Fisk (Faculty Research Assistant); Pat Hayes (Professor and Leader of Barley World at OSU)
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