Our departmental newsletter, *Crop and Soil News and Views*, finally catches up with modern times! We now distribute a PDF version of our annual newsletter via email and continue to post it online at [http://cropandsoil.oregonstate.edu/content/alumni-newsletter](http://cropandsoil.oregonstate.edu/content/alumni-newsletter). Article ideas or news items can be sent to tracy.mitzel@oregonstate.edu or by US Postal Service (Tracy Mitzel, Department of Crop and Soil Science, Oregon State University, 107 Crop Science Bldg., Corvallis, OR 97331).

**WHAT’S IN THIS NEWSLETTER?**

DEPARTMENTAL NEWS

CSS ACADEMIC PROGRAMS

CSS AWARDS/RECOGNITION

NEWS ABOUT YOU, US, AND OTHERS

…and more!
**DEPARTMENTAL NEWS**

**ALUMNI/RETIREE DINNER**

We had a small group who attended and participated in the CSS alumni, retired faculty and staff, and friends dinner held June 3, 2016 in the Crop Science Building. Jay Noller gave a presentation on efforts to bring research on industrial hemp to OSU. He talked about various products the growers hoped to supply. Next year’s dinner will have a speaker (to be announced) and will be held a few weeks earlier—May 24, 2017—and at the Memorial Union. Please plan to attend.

**FALL 2016 DEPARTMENTAL PICNIC**

The “Welcome Back to the School Year” picnic/potluck was held on September 20, 2016. The department hosted the gathering and it was held at the Avery Park Thompson Shelter. The department provided grilled chicken, pulled beef, and veggie burgers for a vegetarian option, while the faculty, staff, and students brought potluck items. Thanks to Emmalie Goodwin for providing the pictures.
“PICTURE THIS” TRIVIA —

THE ANSWER!

Well, if you guessed a European Brown Garden Snail (*Helix aspersa*), then you are CORRECT! But, as usual, I tried to fool all of you by cropping out the more important piece of the picture! The out-of-focused human to the right of the snail is the department's new assistant professor in entomology (invertebrate crop pest scientist), RORY Mc DONNELL. For an interview and story about Rory, see the New Personnel section further in this issue.

Special thanks to Lynn Ketchum, OSU Extension and Experiment Station Communications’ photographer, for providing us a picture of Rory and his “friend”!

DEPARTMENT FUN!

In honor of World Soil Day on December 5, 2015, the CSS department held a “Soils Dessert Contest.” The department asked participants to make a dessert representing crop and soil science. This contest showed just how creative in baking our researchers could be. Here are the submissions (photos courtesy of Jennifer Parke):

**Probably Coastal Spodosols**

by Adam Lindsley

**Awards**

- Best described/most long-winded soil profile
- Most geomorphically inspired
- Best Cakesol

**Bottomland Peat (= Peater Bottomley?)**

by Anne Taylor

**Awards**

- Best taxonomic classification (Fluventic Humudept)
- Most surface fragments
- Chippiest

**Entisol**

by Fumiaki Funahashi

**Awards**

- Most savory entry
- Youngest soil profile
WORLD SOIL DAY DESSERT CONTEST (cont.)

Potting Soil
by Jennifer Parke

Awards
• Most minimalist
• Most elegant new container
• Cleanest trowel

Mushrooms *
by Joyce Eberhart

Awards
• Most creative soilless entry
• Most appetizing soil organism
• Cutest big mushrooms
* No, it’s not technically a soils dessert but we all know how important hyphae are in the soil

Fairy Ring Atop Forest Soil
by Jennifer Parke

Awards
• Best depiction of a lithological discontinuity
• Cutest little mushrooms

Black Sodic Soil Cookies
by Vance Almquist

Awards
• Most sodic
• Deepest cracks
• High pH but tastes good
• Most land-use-limiting entry
WORLD SOIL DAY DESSERT CONTEST (cont.)

Soilless Medium for Container-Grown Nursery Crops
by Joyce Loper

Awards
- Best non-qualifying entry
- Most tasteful medium for growing plants
- Flowers appear to be GMO

Cookie Pudding Experiment *
by Shannon Andrews

Awards
- Most technical entry
- Most mysterious for crop scientists
- Best kuotovinas
* Variable moisture A horizon with biofilm. Check out that pore structure.

Crop and Soil Science New Horizons
by Rachel Hankins, Hilary Gunn, Pat Hayes, and Kristin Rifai

Awards
- Most educational and most thoroughly labeled
- Best unification of crop and soil theme
- Best use of barley
The following people were successful in their bid for promotion:

**Dr. Tom Chastain**
promoted to Professor

**Kimberly Japhet**
promoted to Senior Instructor I

Congratulations to both 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)

2016 CSS Recipients:

- 25-Year Inductees – Erik Feibert Jeffrey McMorrnan
- 30-Year Honorees – Carol Garbacik Patrick Hayes Garry Stephenson Donald Wysocki
- 40-Year Honoree – Julie Hendrix

**ADDITIONAL FACULTY AND STAFF AWARDS AND RECOGNITIONS**

**KELLY DONEGAN,** Lead Advisor for the departmental undergraduate students, was awarded the F.E. Price/Agricultural Research Foundation Award for Excellence in Student Advising and Counseling at the 2016 College of Agricultural Sciences Faculty and Staff Awards Luncheon, held on October 13, 2016.

**Dr. MIKE FLOWERS,** Associate Professor and OSU Extension cereals specialist, received the Distinguished Service Award from the Oregon Wheat Commission. The award was presented at the Tri-State Grain Growers Convention during the Oregon Gala in December 2015.

**SANDY MACNAB,** retired Extension Ag/Dryland Cereal Crop Specialist for Sherman and Wasco counties (and county leader in Sherman County), received the 2016 Arnold and Gerry Appleby Service Award, presented at the CSS Awards and Scholarship Recognition night in May 2016.

**Dr. DAN SULLIVAN,** Professor of nutrient management, received the 2015 Certificate of Excellence for the Extension Education Community Education Materials Awards Program at the ASA-CSA-SSSA annual meeting, held November 2015 in Minneapolis, MN. Dan’s extension publication, *PNW 508. Fertilizing with biosolids,* is available at this website: https://catalog.extension.oregonstate.edu/pnw508
ADDITIONAL FACULTY AWARDS (since 2015)

<table>
<thead>
<tr>
<th>NAME</th>
<th>AWARD</th>
<th>ORGANIZATION</th>
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<tbody>
<tr>
<td>Tom Chastain</td>
<td>Community Award for Publication</td>
<td>American Society of Agronomy Extension</td>
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<tr>
<td>Amy Dreves</td>
<td>Rachel Carson Award-Healthy Water and Wildlife Program</td>
<td>NCAP</td>
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<tr>
<td>Sabry Elias</td>
<td>The President’s Volunteer Service Award</td>
<td>U.S. President Barack Obama</td>
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<tr>
<td>Carol Mallory-Smith</td>
<td>Outstanding Researcher</td>
<td>Weed Science Society</td>
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<tr>
<td>Clint Shock</td>
<td>Volunteer of the Year</td>
<td>Treasure Valley Community College Foun-</td>
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2016 FOOD DRIVE RESULTS

The Department of Crop and Soil Science participated in the Team 4 Division (101+ Employees) of OSU’s 34th Annual Food Drive in March 2016. Through donations of cash and actual food items, we donated the equivalent of 40,248 pounds. Through on-campus events of two Tasty Treats Silent Auctions and payroll contributions we raised $10,060. We thank everyone in the department (and some people from other places on campus) who donated goodies, time, and money for this year’s food drive.

GRADUATE STUDENTS

VANCE ALMQUIST, PhD student in Soil Science (major professor: Jay Noller), placed third and received a $50 cash prize for his oral presentation titled, “Cover Beds as Evidence of a Humped Soil Production Function Associated with Forest Succession” at the 2015 SSSA Pedology Division Student Presentation Competition in Minneapolis, MN, during last year’s CSA/SSSA/ASA meetings.

KALI BRANDT, PhD student in Crop Science (major professor: Bob Zemetra) was featured on the ARCS Oregon Chapter’s website regarding her receipt of the ARCS award. Here is the article:

As a college freshman majoring in business, Kali Brandt called her parents to announce that she was switching her major to biology. “I was wondering when you were going to come to your senses,” quipped her father, a zoologist. The way she tells it, many of her classmates talked excitedly about their classes and their majors, but not her. A trip to the zoo, its savannah exhibit with zebras, provided the light bulb moment. Within a few years, the college grad was working as a research assistant in agricultural biotech. After three
GRADUATE STUDENTS (CONT.)

years, knowing that it would take 10-15 years to lead her own research study, she did the hardest thing she’d ever done: left job security, moved where she knew no one, and began her graduate studies at Oregon State University. She didn’t want to wait any longer.

“I just fell into wheat,” Kali said while pointing out that the crop is grown all over Oregon, and that different wheats can combine, hybridize and create new varieties that could benefit people everywhere. What energizes her is to combine old and new methods to literally fight world hunger. Kali is effusive in her gratitude toward ARCS. “There are so many failures on the road to discovery in science. The ARCS award gives you the continued opportunity to try.” The motivation of ARCS members to bring great scientists to Oregon, to highlight science in Oregon, are sources of motivation to her.

“Crop science is not a flashy science, and yet there are lots of job and research opportunities in the field. ARCS, and my award, have brought visibility to the science and informed many people about an area that isn’t well known, and I’m grateful for that,” reflected Kali.

It was at an ARCS event that a still-new PhD crop science student was feeling unsure about her command of her subject matter. Someone asked her a question about technology in agriculture. Suddenly Kali was making connections and realized that she did, in fact, know what she was talking about, and that people had gathered around her to have a real conversation about her science.

Kali is also featured in the ARCS Foundation’s new video, which premiered in October and is available on the website at https://oregon.arcsfoundation.org/. Her sponsors are Pat Reser and Aletha Anderson.

(To the ARCS Foundation advances science and technology in the United States by providing financial awards to academically outstanding U.S. citizens studying to complete degrees in science, engineering, and medical research. The ARCS Foundation has an Oregon Chapter for students at Oregon Health & Science University, Oregon State University, and the University of Oregon.)

UNDERGRADUATE STUDENTS

AMANDA PENNINO was given the Golden Opportunity Scholars award by the CSA/SSSA/ASA. Amanda graduated from the CSS department in Spring 2016 with a concentration in Soil Science and a minor in Horticulture. She was the president of the OSU Soil Science Club and was a third-year competitor at the National Soil Judging Competition. During her time at OSU, Amanda worked in several jobs: as a field research assistant aiding in sampling for predictive mapping across Oregon; as a student assistant with the USDA at the hops farm; and also as a student lab technician for the Central Analytical Laboratory. She also did an internship involving soil quality assessment within the Willamette Valley. She has chosen to go on to graduate school at the University of Wyoming. The Golden Opportunity Scholars program matches undergraduate students with a society professional during the international Annual Meetings. The program is supported through the Agronomic Science Foundation and the students receive financial support for travel, lodging, registration, and other costs related to attending the annual meetings.

STUDENT CLUBS

The OSU Soil Judging Team, part of the OSU Soils Club, competed in the 2016 National Collegiate Soils Contest in March 2016. KRIS OSTERLOH, CSS graduate student and assistant advisor to the team (along with advisor RON REUTER, Associate Professor at OSU-Cascades Campus in Bend, OR) reported on their performance.

“Twenty-three teams from across the country came together in Manhattan, KS, for a week of competition and learning regional soils. OSU brought four students to the contest: Zoe Ash-Kropf and Amanda Pennino from Corvallis, along with Josh Greenwald and Jasmine Brooks from the Bend campus. The team placed 6th in the group contest, which is the best they’ve done in recent years. Additionally, Amanda Pennino placed 15th in the individual competition!”
The Department of Crop and Soil Science offers more than 25 student scholarships each year. For the 2016-17 academic year, $41,000 in departmental scholarships were awarded, and an additional $29,250 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 $70,250. The Student Honors and Awards Reception Night was held on May 31, 2016 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.

Special mention goes to the following:

PETE BERRY, Ph.D. student in Crop Science, won the William Kent Wiley, Jr. Memorial Fellowship, presented by the Oregon Seed Association at their 2016 Mid-Winter Meeting in January 2016. The Wiley Fellowship was established in 1993 in memory of Kent who was a well-respected co-founder of Pickseed West, Inc. and he was a great supporter of the seed industry in the Pacific Northwest and worldwide.

ELIZABETH HAYES, a Post-Baccalaureate student in the College of Agricultural Sciences in the General Agriculture program, received not only a scholarship from the Oregon Seed Association (see below), she was also their recipient of the American Seed Trade Association Scholarship, presented to her at the OSA’s 2016 Mid-Winter Meeting in January 2016. The ASTA Scholarship was established to acknowledge and reward college students majoring in agricultural studies. Elizabeth will be changing her major to the Agronomy Program in the CSS department.

Nathan Andersen, Undergraduate Student
- Robert H. Warrens Memorial Scholarship
- Clayton Fox Agricultural Honors Scholarship
- Thomas G. McGillivray Scholarship

Makenna Becker, Undergraduate Student
- Oregon Seed Growers League Scholarship

Sarah Benthimer, Undergraduate Student
- Johnny R. & Helen H. Thomas Scholarship

Pete Berry, Graduate Student
- W. Kent Wiley, Jr. Memorial Scholarship
- Oregon Society of Weed Science Scholarship

Samantha Brentano, Undergraduate Student
- Wilson H. Foote Memorial Scholarship
- Dorothea & Henry Rampton Memorial Scholarship
- John Flanagan Memorial Scholarship
- Rod & Ruby Frakes Scholarship
- Wayne & JoAnn Chambers Scholarship

Casci Carpenter, Undergraduate Student
- Johnny R. & Helen H. Thomas Scholarship
- McGuire Scholarship

Keaton Corrado, Undergraduate Student (EOU)
- Timothy Scott Wirth Memorial Scholarship

Cameron Dixon, Undergraduate Student
- Crop and Soil Science Scholarship

Amelia Doyle, Undergraduate Student
- Adams Family Scholarship (awarded Fall 2015)
- Outstanding Senior for 2015-16, Crops

Mitchell Evers, Undergraduate Student
- Wilson H. Foote Memorial Scholarship
- John Flanagan Memorial Scholarship
- Dorothea & Henry Rampton Memorial Scholarship
- Johnny R. & Helen H. Thomas Scholarship

Brooke Getty, Graduate Student
- Sheldon L. Ladd Memorial Scholarship

Margaret Halstead, Undergraduate Student
- Leo L. Anderson, Jr. Memorial Scholarship in Soil
- Wilbur Powers Memorial Scholarship
- Robert Dean Jones Scholarship
- Johnny R. & Helen H. Thomas Scholarship

Ryan Hart, Undergraduate Student
- Oregon Seed Growers League Scholarship

Mitchell Hassing, Undergraduate Student
- Walter J. & Florence J. Jaeger Scholarship
- William & Heidi Geschwill Scholarship

Elizabeth Hayes, Undergraduate Student
- Oregon Seed Association Scholarship
- American Seed Trade Association Scholarship
- Rod & Ruby Frakes Scholarship
Robert Isaacson, Undergraduate Student
- Crop and Soil Science Scholarship

Gavin Jones, Undergraduate Student
- Arthur King Memorial Scholarship
- John & Jean Krautscheid Scholarship
- Donald D. Hill Memorial Scholarship

Blake Kerbs, Graduate Student
- W. Kent Wiley, Jr. Memorial Scholarship

Mingyang Liu, Graduate Student
- J. Ritchie Cowan Memorial Scholarship

Meagan McKinney, Undergraduate Student
- M. Dale Chipman Memorial Scholarship
- Walter J. & Florence J. Jaeger Scholarship

Trang Nguyen, Graduate Student
- Larry C. Burrill Memorial Scholarship

Marcel Ortiz, Undergraduate Student
- M. Dale Chipman Memorial Scholarship

Kris Osterloh, Graduate Student
- John & Jean Krautscheid Scholarship

Kelsey Potter, Undergraduate Student
- Oregon Seed Growers League Scholarship

Emily Rea, Undergraduate Student
- McGuire Scholarship

Delanie Sommers, Undergraduate Student (EOU)
- Timothy Scott Wirth Memorial Scholarship
- Crop and Soil Science Scholarship

Trina Stewart, Undergraduate Student
- Outstanding Senior for 2015-16, Soils

Samuel Talbot, Undergraduate Student
- Crop and Soil Science Scholarship

Bryce Vincent, Undergraduate Student
- John Flanagan Memorial Scholarship

Nami Wada, Graduate Student
- J. Ritchie Cowan Memorial Fellowship
- Larry C. Burrill Memorial Scholarship

Dustin Welters, Undergraduate Student
- Western Seed Assoc. Scholarship (awarded Fall 2015)

CSS GRADUATES
2015-16

Undergraduate Students

Ruben Aleman (W’16)  Kathleen Knight (Sp’16)
Zoe Ash-Kropf (Sp’16)  Megan McDonald (Su’16)
Jonathon Brown (Sp’16)  Amanda Pennino (Sp’16)
Jacob Carpenter, EOU (Sp’16)  Kelsey Potter (F’15)
Lisa Dempster (Sp’16)  Alonso Salazar (Sp’16)
Brian Donovan (F’15)  Trina Stewart (Sp’16)
Amelia Doyle (Sp’16)  Benigno Torres, EOU (Sp’16)
Jennifer Fedenko (Sp’16)  Dustin Welters (Sp’16)
Brian Hill (Sp’16)
CSS GRADUATES
2015-16

Graduate Students

Duangporn Angsumalee (Sp’16, PhD)  
(major professor: Sabry Elias)  
Sarah Light (Sp’16, MS)  
(major professor: Dan Sullivan)

Adriana Argoti Avila (Sp’16, MS)  
(major professor: Sujaya Rao)  
R. Chase MacPherran (W’16, MS)  
(major professor: Carol Mallory-Smith)

Araby Belcher (W’16, PhD)  
(major professor: Patrick Hayes)  
Karin Nguyen (Su’16, MS)  
(major professor: Markus Kleber)

Rachel Danielson (F’15, MS)  
(major professor: David Myrold)  
Bruce Robinson (Sp’16, MS)  
(co-major professors: Vidyasagar Sathuvalli/Laurent Deluc)

Elizabeth Garton (Su’15, MAIS)  
(major professor: Jay Noller)  
Elizabeth Seeno (F’15, MS)  
(major professor: Jay Noller)

Jacob Kollen (Sp’16, MS)  
(major professor: John Selker)  
Nathaniel Tisdell (F’15, MS)  
(major professor: David Myrold)

Anis Lestari (Sp’16, MS)  
(major professor: Sujaya Rao)

DEAN’S LIST OF UNDERGRADUATES, 2015-16

Ruben Aleman (F’15, W’16)  
Nathan Andersen (F’15, Sp’16)  
Zoe Ash-Kropf (F’15, W’16)  
Samantha Brentano (Sp’16)  
Jonathon Brown (W’16)  
Jacob Carpenter (Sp’16)  
Lisa Dempster (F’15)  
Kelsey Derry (Sp’16)  
Amelia Doyle (W’16)  
Mitchell Evers (Sp’16)  
Jennifer Fedenko (F’15, W’16, Sp’16)

Margaret Halstead (F’15, W’16, Sp’16)  
Ryan Hart (Sp’16)  
Brian Hill (F’15)  
Georgia King (F’15)  
Kathleen Knight (F’15, Sp’16)  
Connor Mackenzie (F’15)  
Marcel Ortiz (F’15)  
Kelsey Potter (F’15)  
Brady Sharp (F’15)  
Trina Stewart (F’15, W’16, Sp’16)  
Eleanor Wershow (F’15, Sp’16)
NEW PERSONNEL

We welcomed the following personnel to the Department of Crop and Soil Science since last October 1, 2015:

STEPHANIE DEWEY was hired in the role of Grants and Contracts Technician at the Agricultural and Marine Sciences Business Center (AMBC), supporting the CSS department. Stephanie replaces JoANNE SCHELER and began her position in December 2015. Stephanie served as an Accounting Technician in the AMBC since 2014 but also worked in other positions at OSU and in the private sector.

The Polk County Itemizer-Observer based in Dallas, OR, published an article regarding RORY Mc DONNELL, a slug and snail expert who joined our department in July 2016. The following is from that article written by Gail Wells (OSU Extension and Experiment Station Communications) and published in April 2016. Rory came from a research position at the University of California at Riverside where he studied novel ways to control the troublesome mollusks. The position at OSU was created and made possible by Oregon legislative investment in research and extension work based at OSU. Rory will continue to study slug control methods that are environmentally friendly (using plant essential oils and biological control agents). As part of his Extension appointment, he will be working with Oregon farmers to use some of these methods in their fields. Rory is a native of Ireland and holds a doctorate in environmental science from National University of Ireland. He has worked to conserve native slugs and snails in Ireland; he became fascinated with slugs as a child when he learned that they have teeth sharper than those of sharks and can crawl unharmed over broken glass.

The Crop and Soil News and Views also asked Rory to answer a few questions:

**What is one of your favorite quotes?**

“Things turn out best for the people who make the best of the way things turn out.” —John Wooden

**If you could learn to do anything, what would it be?**

I would like to learn how to fly a helicopter or an airplane! I’ve always been fascinated with how the world looks from the air.

**Where do you most want to travel, but have never been?**

The Cook Islands in the South Pacific. One of my uncles has traveled all over the world and this is the place he enjoyed the most. He would frequently tell my brother and me about his adventures there when we were growing up and it made a lasting impression!

**What is the one thing that should be taught in school that isn’t already?**

The Art of Communication because it is important in all aspects of our lives.

**If you could paint a picture of any scenery you’ve seen before, what would you paint?**

Glaciar Exploradores near Puerto Rico Tranquilo in Patagonia. My wife Veronica and I traveled throughout Patagonia last year and hiked on this glacier. It was breathtaking!

**Do you have a hero and who is it?**

Sheldon Cooper from *The Big Bang Theory*!!!!!!
Additional new hires:

- Gloria Ambrowiak – Faculty Research Assistant with the Central Analytical Laboratory
- Maria Cordoba – Faculty Research Associate (Post-Doc)
- Brian Donovan – Faculty Research Assistant with the Wheat Program (Mike Flowers group)
- Rachel Hankins – Seed Certification Specialist (replaced Sandy Smith)
- Lisa Higgs – Admin. Prog. Asst. Seed Certification (transferred from Seed Laboratory)
- Javier Fernandez-Salvador – Marion/Polk County Extension Small Farms Specialist
- Mel Laam – Office Specialist 2, Seed Certification (replaced Heather Pedersen)
- David Stimpson – Seed Laboratory Manager. Dave has extensive experience in Seeds, Seed Industry Development, Seed Physiology, Seed Analysis, and Commercial Seed Quality and Compliance. He is currently Vice President of the Society of Commercial Seed Technologists and holds other key positions in seed industry organizations. He came to OSU after serving Dow AgroScience in seed science and technology roles for twenty years. He started his position as Seed Laboratory Manager in July.
- Rebecca Thistlethwaite – Niche Meat Processor Assistance Network (with Lauren Gwin and Garry Stephenson)

RETIREMENTS/RESIGNATIONS

Peter Bottomley, Professor of Soil Microbiology, retired but is on an Academic Wage appointment until June 30, 2017.

Julie Hendrix, Office Manager for OSU Seed Certification, retired at the end of June 2016. She continues to work on an academic wage appointment through December 2016.

Carol Mallory-Smith, Professor of Weed Science, retired but is on an Academic Wage appointment until June 30, 2017.

Heather Pedersen, Office Specialist 2 for OSU Seed Certification. Heather’s last day in Seed Certification was April 14 and she accepted a job as an Administrative Program Assistant to the Dean of the School of Veterinary Medicine.

JoAnne Scheler, Grants and Contracts Technician for the AMBC, completed her temporary 1039-hour appointment on August 31, 2016 since retiring at the end of last year. She was honored by present and past co-workers at an AMBC reception on August 12.

Sandy Smith, Seed Certification Specialist, retired June 30, 2016.

DEPARTMENTAL PERSONNEL NEWS

ANDY HULTING and his wife Dena welcomed the birth of their son, Alec Reed Hulting, on August 4, 2016 at 2:00 A.M. Alec joins the family with older brother, Aidan, and sisters, Addison and Anna.

SPECIAL RECOGNITIONS

SABRY G. ELIAS, associate professor of Seed Science and Technology, received recognition for his volunteer work in Nepal. The on-line website, Life@OSU, reported in April 2016 that Sabry was one of 125 people honored by Winrock International with its President’s Volunteer Service Award for “exemplary citizenship through volunteering.” Winrock International is a nonprofit organization that works internationally to empower disadvantaged people, increase economic opportunity, and sustain natural resources. Sabry was commended for contributing over 176 hours of service for Winrock’s Farmer-to-Farmer program (funded by USAID). Sabry’s award was accompanied by a certificate, a medal, and a
SPECIAL RECOGNITIONS (cont.)

letter from the White House. His assignment was to develop four courses in Seed Science and Technology, set up a seed testing laboratory, and train some faculty members in the Agronomy Department of the Agriculture and Forestry University in Nepal. Winrock International stated that “Dr. Elias demonstrates how local citizens can truly make a difference in today’s world.” Sabry has provided some additional comments on his “rewarding experience” below:

“Nothing more rewarding like sharing your knowledge and experience with those who have the enthusiasm to use it for building better sustainable food systems in their country. A colleague at Fresno State told me that the Agriculture and Forestry University (AFU) in Nepal was looking for a seed scientist to develop post-graduate seed science and technology courses and to establish a seed testing laboratory. I traveled to Nepal on December 2, 2015 and spent three weeks at the university located in Rampur. During this period, I developed four courses: Seed Biology, Post-harvest Seed Technologies, Seed Quality Testing, and Advanced Seed Science and Technology. Additionally, I presented two lectures; the first was presented to the AFU faculty and students titled, Global Principles of Agricultural Systems. The second lecture was presented to the Nepal Agricultural Research Council (NARC) scientists in Kathmandu on the Recent Advances in Seed Science and Technology. With an almost 14 hours time zone difference between Oregon and Nepal, jet lag stayed with me and caused me to stay up most nights (I would go to bed at 8:00 p.m. and wake up at 2:30 a.m. and then stay up). I was able to complete my assignment during the three-week period and had time to discuss the implementation of the courses with AFU’s faculty members, along with responding to OSU work emails in a timely manner. Even with my busy schedule, and thanks to my Winrock International Program Specialist, I was able to visit Chitwan National Park (along with other tourist attractions). The Program Specialist accompanied me throughout my assignment and made my life easy in moving around different places and seeing the many sites. I definitely enjoyed my time in Nepal, experiencing a new culture, and watching elephants and monkeys up close. The kindness, generosity, and authenticity of the Nepalese are the most admirable thing I saw during my visit. I certainly appreciated the excellent arrangements and hospitality shown by the AFU administrators, the faculty members of the Agronomy Department, and the NARC scientists. During my discussions with the AFU officials, I expressed our interest in more cooperation between our CSS department and the AFU. I was pleased by the level of enthusiasm shown by the participants in the discussions and humbled by the honor I received.”

CLARE LANDE, a Biological Science Laboratory Technician in SUJAYA RAO’s entomology lab, is also a local artist. Her artwork was part of a display at OSU’s LaSalle Stewart Center back in December 2015. (Photo of Clare’s artwork is courtesy of KRISTIN RIFAI)

SANDY MACNAB was honored by a retirement celebration for his 37 years of service on April 24, 2016, which was sponsored by the Extension Offices for Sherman/Wasco Counties. Sandy was further honored by a lengthy article titled “An Education in Agriculture,” written by Derek Wiley for The Dalles Chronicle newspaper. The following was compiled from Mr. Wiley’s article:

A few years ago, Sandy Macnab was looking through a Sherman High School sports program and counted the number of kids who came from farm families; he found 3 out of 19 of the listed players to have any association with farming. Sandy wanted to make sure that those other 16 students weren’t missing out—“I’ve always felt strongly about agriculture…I’ve always felt strongly about teaching our
SPECIAL RECOGNITIONS (cont.)

story to the rest of the world because there’s less than 2 percent of the population associated with farming and the average American today is more than three generations removed from the farm...”. Sandy came from a farming family and always assumed he would become a fifth generation farmer but his older cousin told him that he was “too smart for farming and would be wasting my time, which I don’t think is entirely true, but I can see where he was coming from.” Sandy graduated from OSU in 1975 and then worked for three years on a farm with a local rancher. During this time, he attended a Sherman County Club dinner and listened to the speaker who was a man from extension. Sandy went back the next day to apply for the Sherman County extension position (which had been vacant for almost a year) and began a career with the OSU Extension Service in 1979. He received the Distinguished Service Award by the National Association of County Ag Agents in 2007 and was the 27th member inducted to the association’s Hall of Fame in 2012.

One of the events that Sandy was in charge of for Wasco County was the Bull Tour. He coordinated this event (even though he had little livestock experience) for 23 years and it regularly attracted 140-350 people. Sandy said the success of the event was in the hiring of the right people—“Get the people who know what they are doing and put them in charge...introduce them and let them go...”. He remembers having Dean Frischknecht (OSU Animal Sciences, deceased) come and talk at the Bull Tours and Sandy loved listening to his stories: “He could tell stories...and never tell the same story twice. He could tell you who had which bulls, where those bulls came from and what part of Montana that ranch was in and what was the wife’s name and the family dog... He just had a mind for those things. He was an incredible guy and great storyteller.”

Sandy has done several projects while working for county extension—he has presented testimony at the state legislature for a bill to release overflow from an off-riparian water trough directly back to the stream; he assisted an OSU researcher in gathering wind data for two years; he initiated a household hazardous waste collection program in Wasco County and after DEQ stopped funding the program, Sandy served on a tri-county steering committee to develop a plan to set up permanent facilities and collection events; he became involved with his son’s fourth-grade class when a class assignment asked the students to learn math by following the wheat markets each day and Sandy put together a class to teach them about history, biology and economic impacts of wheat. Sandy has also worked with the Sherman Development League to help them establish a teen center that operated for more than five years as “an incentive to reduce juvenile delinquency in the county” and he worked with the Wasco County Weed District to increase their budget to fight the noxious weed, Rush Skeletonweed.

Upon retirement, Sandy plans to remain where he’s at and even though he’s not sure what he wants to do next, he wouldn’t mind working on a tractor or getting more involved in harvest. As The Dalles Chronicle quoted him, “I still want to tell agricultural stories.”

OSU Ag and Extension News released a news story in March 2016 regarding RICHARD ROSEBERG being named the new director of the Oregon Ag Experiment Station at the Southern Oregon Research and Extension Center (SOREC) in Central Point. Rich will direct SOREC’s research program, which includes applied research in viticulture and enology, tree fruits, livestock, forage, and integrated pest management. SOREC also runs an experimental farm. Interviewed by Gail Wells (OSU Extension and Experiment Station Communications), Rich told her that funding for SOREC’s research and Extension activities comes from a mix of federal, state and county funds, research grants, and private gifts. In May 2014, Jackson County voters approved a service district, providing approximately one-half million dollars to support SOREC’s program, with about $166,000 of that total going to research. “For quite a few years SOREC was in a tough situation, especially on the research side. Now the voters have spoken. Instead of just surviving, we’ll be able to serve southern Oregon much better than we’ve been able to do before.” Rich came from a research post at Klamath Basin Research and Extension Center in Klamath Falls (OR). He told Gail: “It’s only 85 miles from station to station. But the southern Oregon station is in a dramatically different climate—lower-elevation, warmer, and with an earlier growing season, which gives farmers much more crop choice.” Rich began his director position on May 1, succeeding Philip Van Buskirk who retired after 32 years.
DIAMOND PIONEER REGISTRY: On October 5, 2016, a recognition luncheon was held to honor those people inducted to the Diamond Pioneer Agricultural Achievement Registry. The department nominated Gordon Cook (Hood River, OR), Jimmie Crane (Keizer, OR), Oscar Gutbrod (Corvallis, OR), and Al Mosley (Corvallis, OR—unable to attend). 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.
IN MEMORIAM

Alumni WALT GOULD (Ph.D., weed control, early 1960s) passed away in August 2016. He and ARNOLD APPLEBY went through graduate school together and Walt spent most of his career at New Mexico State University.

Professor Tom Chastain reported that “DON GRABE passed away on July 26, 2016 at his home in Sisters, Oregon. Don was a professor of seed technology in the department from 1968 until his retirement in 1992. He was my mentor and major professor for both of my graduate degrees.”

Don F. Grabe was born on October 19, 1925 in Pierson, Iowa, and was raised on a grain and livestock farm. He earned three degrees from Iowa State University: B.S. in agronomy, 1950; M.S. in economic botany-seed technology, 1955; and Ph.D. in economic botany-seed technology, 1957. His education was interrupted by military service during the Korean War. Following completion of his doctorate degree, he was hired as an assistant professor at Mississippi State University in 1957. In 1959, he returned to the Department of Botany and Plant Pathology at Iowa State. In 1967, he was reappointed at Mississippi State. In 1968, he moved west to join the Crop Science Department at OSU as professor of seed technology.

Dr. Grabe had broad interests in seed technology and seed production, and he worked on diverse plants ranging from corn to cuphea to noble fir. He developed biochemical techniques for measuring seed viability, a biochemical seed vigor test, and laboratory techniques for identifying seeds to cultivar. His work demonstrated that crop yields were influenced by physiological components of planting seed quality including storage conditions, seed source, seed deterioration, seed size, and protein content. He was also involved in the development of management practices for the production of grass seed crops.

He taught courses in seed technology, seed biology, and seed production at Mississippi State, Iowa State, and OSU. In addition, he taught many short courses in seed quality, seed testing, and quality control for seed industry and testing lab personnel. Thirty-eight students completed M.S. and Ph.D. degrees in seed technology and seed production under his guidance.

Dr. Grabe was elected fellow and served on the boards of directors of the Crop Science Society of America and American Society of Agronomy. He was honored with the CSSA Seed Science Award and twice served as chair of the seed section. He served as president of the Association of Official Seed Analysts and was recipient of the Award of Merit. He was appointed an accredited member of the International Seed Testing Association and served as chair of the seed moisture testing methods committee. He served on the board of directors of CAST and on the scientific advisory board for the American Seed Research Foundation. He served on the editorial boards of the Journal of Seed Technology, Crop Science, and the Journal of Applied Seed Production.

Don retired from the Department of Crop and Soil Science in 1992 and relocated to Sisters. In retirement, he enjoyed gardening, his horses, and time with his family, but never lost his passion for seeds. He is survived by his wife Lorna, sons Ted and Tim, and a daughter, Ann. A private service was held on July 30, 2016.”
In last year’s issue of *Crop and Soil News and Views*, the death of IVAN HAGEN, a knowledgeable and well-respected member of the OSU Seed Certification staff for over 20 years, was reported. However, we failed to include a picture of Ivan. He died on March 6, 2015.

ISABEL (IZZY) HAYES passed away on October 21, 2015. Izzy worked for 28 years as a dedicated employee at the OSU Seed Laboratory and according to her obituary it was a “job that she was very passionate about.”

A recent student in the CSS department, JASON HAYES, unexpectedly passed away in the spring of 2016. CSS department head, Jay Noller, received the news from Jason’s fiancée and told her that he “thought the world of Jason. We had many interactions in and outside of the classroom…our discipline is diminished.” In memory and honor of Jason, former employee Will Austin and current instructor James Cassidy created personalized “dog tags” and attached them to a mesh bag that could be filled with mementos from those who knew Jason. Some of the mementos included tools used at soil judging competitions and some soil from the student organic growers’ farm, where Jason was active for several years. A memorial service, held September 24, 2016, included depositing the bag into the ocean as Jason was also a deep sea fisherman. Jason’s father was able to attend the service and the Oregon coast provided a beautiful, sunny day on the south jetty at Newport.

Mildred Kellogg of West Richland, WA, forwarded the obituary of CARL W. PETERSEN who passed on January 5, 2016 in Kennewick, WA. Carl attended Oregon State College and graduated in either 1951 or 1952 in soils. He was an orchardist until selling his homesteaded farm in 1990. He also served on the Kennewick Irrigation District board for 39 years.

Thomas Cline wrote in an email that he was “saddened to read about Dr. (Murray) Dawson passing—he taught my first beginning soils class and then another advanced class on fertility management; what a fantastic professor.”
News: From You to Us, From Us to You (cont.)

In Memoriam (cont.)

A memorial service was held in June 2016 after the unexpected death of William P. Stephen, Emeritus Professor of Entomology at OSU. Bill passed on June 17 in Corvallis, OR, at the age of 89. According to his obituary in the Corvallis Gazette-Times, Bill "dedicated his career to research and publications, specializing in the study of leaf cutting and native bumble bees. He shared his expertise through graduate instruction and internationally through the agricultural branch of the United Nations. Born in Winnipeg, Manitoba (Canada)...he was a devoted husband to Dorris Jo Stephen until her death in 1996. Bill is survived by three daughters and one son, ten grandchildren, and two great-grandchildren. His intellect, love, vitality, humor, and kindness will be greatly missed." Along with the memorial service, a special life celebration of Bill's professional career was held in August of 2016; this event also honored Bill's dear friend, Jack Lattin (also an OSU Entomology Emeritus Professor), who passed away earlier this year. Department head Jay Noller recalled his "many discussions with (Bill) about all the bees that he chased around the valley in recent years. He will be missed."

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

- Thomas D. Hall (Bend, OR)—Tom passed away suddenly last September
- William H. Kosesan (Salem, OR)
- Enrique Paller (Philippines)
- Anita Summers

News from Alumni and Friends

Alumnus Andrew Blackburn wrote to us in January to let us know that he is still in Chicago, IL, working as a wetland biologist/delineator since he left Corvallis in February 2001. Andrew did his MS in Soil Science through the Environmental Soil Science program with Benno Warkentin as his major professor. This past summer, he did a 90-day work detail based in New Hampshire but some of the fieldwork was done in the Southeast, the Midwest, and the western US. He says "Hello" to everyone that might remember him and go Beavs!

Gordon Dromgoole (Farm Crops, '66) reported that he is semi-retired from production agriculture. He sent us a check for donation to the Kronstad Wheat Research Chair Endowment (Thanks, Gordon!) and he is from Yamhill, Oregon.

Sarah Hash wrote to us last December to say that she is "still holding down the fort in Bend, working for the Forest Service as the district soil scientist for two districts on the Deschutes National Forest."

Macelle (Nelson) Bamberger reported that she left a job at USDA-ARS in Corvallis and moved to the tri-cities (WA) where she worked at Hanford for four years. She moved back to Oregon and currently works for the Water Resource Department for the State of Oregon in Salem. She is having a lot of fun working there and owes it "all to my training and education I received from OSU."

Soils (1948) alumnus, Herbert Schulbach, wrote to us back in January to let us know what he had been doing. Herb worked for California Agricultural Extension for more 30 years and retired from the University of California after over 40 years of professional activity. During that time, he worked and consulted in various countries including Afghanistan, India, Panama, Peru, Nicaragua, Libya, Jordan, and Egypt and spent many hours of his free time volunteering and helping local colleges and soils laboratories to repair, adjust, assemble or make equipment. Thanks for staying in touch, Herb!

Royal Tarter, 1953 alumnus in Crop Science, informs us that he’s been retired since December of 1996. He worked for Meeker Fertilizer for 38 years and at Willamette Seed Company for 2 years. During his retirement, he and his wife, Phyllis, have done some traveling but recently made changes to travel closer to home and for shorter periods. He stays in contact with old friends in the industry, including a couple county agents. This gathering is called “The Old Timer’s Lunch”; if you’re interested in joining the group, please contact Royal via email: rptarter@gmail.com

1967 alumnus, Charley Thompson, said that he wants to continue being a recipient of the CSS News and Views—"I still enjoy reading of the ‘goings on’ at OSU!"
The CSS department once again sponsored the Hyslop Farm Field Day on May 25, 2016. After opening statements by JAY NOLLER (CSS Department Head) and a Welcome from CAS Associate Dean Joyce Loper, the agenda for this field day included the following topics: CoMV, CYDV and Choke in Orchardgrass (Barbara Gilmore and Ruth Martin, Horticulture and USDA-ARS NFSPRC); Novel Beneficial Endophytes for Grasses (Jim Dombrowski, USDA-ARS NFSPRC); New Test for Cover Crops (Sabry Elias); PGR and Irrigation Management in Clover Grown for Seed (Nicole Anderson); Evaluating PGR Mixtures in Tall Fescue and Nitrogen Rates and PGR Timings in Orchardgrass (Tom Chastain); Use of the Grass Stem Rust Model (Dave Gent, USDA-ARS NFSPRC); Soil Health and Function (Dave Myrold); Row Spraying in Established White Clover Stands (Clare Sullivan); Updates: Weed Management in Grass Seed Crops (Andy Hulting); Wheat Breeding Efforts for 2016 and Cereal Disease Issues in the Willamette Valley (Bob Zemetra and Chris Mundt); Best Wheat Quality in the World (Andrew Ross); Winter Barley Breeding Efforts (Scott Fisk); Slug and Bio-char (George Mueller-Warrant and Kristin Trippe, USDA-ARS NFSPRC).
On June 2, 2016, the OSU Linn County Extension Office sponsored the South Valley Field Crops Tour, involving tours of several southern Willamette Valley private farms. The agenda included: Stop 1 was at Tydan Farms (Harrisburg) where the OSU Wheat Breeding program has variety plots and discussions were held on stripe rust and septoria fungicide trials, an update on sharp eyespot, and comparison of SDHI fungicides; Stop 2 was at JH Davidson Farms (Halsey) where OSU has Plant Growth Regulator trials in turf-type tall fescue and discussions were held on new PGR mixture work in grass seed crops (Palisade + Cyclocel) and whether or not it’s worth controlling the spittle bug life cycle in grass seed crops; Stop 3 was at Mid Valley Farms (Tangent) where there is a nitrogen rate trial for sprouting peas and discussions were held on legume inoculants, root nodulation, and insect pest management, and optimizing rotational crops to help fight grassy weeds; the last tour was at Stop 4, which was the Dee Carter Farm (Lebanon) where there is a trial on malting barley variety and fertilizer rate and a discussion was held on options for fall and spring barley varieties and their suitability to Willamette Valley conditions.
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.

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Jack Holpuch, Associate Director of Development
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A special request to past **JOHN FLANAGAN MEMORIAL SCHOLARSHIP** recipients:

In a few months it will be time to select the recipients of the John Flanagan Memorial Scholarship again. It has always been an honor to select and reward the chosen students from the pool of excellent candidates.

The award has grown from one $500 scholarship in the first year to a high of three $3,000 scholarships a few years ago. Since then, due to declining investment earnings, we have had to back off to three $2,500 scholarships.

In order to keep up with rising educational costs, we would like to build the scholarship fund back to the level necessary to provide for three $3,000 scholarships now and possibly more in the future.

As a past recipient of the John Flanagan Memorial Scholarship, we are offering you the opportunity to participate in this fund-raising effort. Any donations will be very much appreciated. They should be sent to the Agricultural Research Foundation at the address below.

Thank you very much for your consideration.

*Charles Flanagan*

Charles Flanagan,
John Flanagan Memorial Scholarship Committee

Send your tax deductible donations to:

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Please send this information to: Tracy Mitzel, Department of Crop and Soil Science, Oregon State University, 107 Crop Science Building, Corvallis, OR 97331-3002 or send via email to: tracy.mitzel@oregonstate.edu