



Crop and Soil News and Views

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

Questions? Comments? Contact Jay Noller: jay.noller@oregonstate.edu

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

~ FALL 2015 ~

SPECIAL NOTICE:

This will be our final mailed copy of the Crop and Soil Science newsletter. In recognition of advancements in digital communication, we will now be distributing a PDF version of *Crop and Soil News and Views*. If you would like to continue to receive our newsletter, please call Tracy Mitzel at 1-541-737-2441 or email tracy.mitzel@oregonstate.edu to add your email address to our distribution list.

The newsletter will continue to be posted on-line at our website. Please visit our website for the following link — <http://cropandsoil.oregonstate.edu/content/alumni-newsletter>

"PICTURE THIS" TRIVIA QUESTION—

What is this a picture of?



(answer—and story—on page 3)

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 13 people attend the event and participate in the CSS alumni, retired faculty and staff, and friends dinner that was held on June 12, 2015 in the Crop Science Building. Good food and conversation was enjoyed by all. Steve Besse and Jack Ross were our visiting elder statesmen, 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. Department head Jay Noller met the group for the first time and discussed some of the activities of the department. A similar dinner will be planned for next June. You will be informed of the date, so please plan to attend. You will enjoy it—guaranteed.

FALL 2015 DEPARTMENTAL PICNIC

The “Welcome Back to the School Year” picnic/potluck was held on September 23, 2015; school would begin the following day on a Thursday rather than the usual last Monday in September. The department hosted the gathering and it was held at the Avery Park Thompson Shelter. 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. There was a special acknowledgement of and presentation to **WILL AUSTIN**, who retired from serving as the Central Analytical Laboratory’s manager in June 2015. Thanks to Emmalie Goodwin for providing the pictures.



DEPARTMENTAL NEWS (cont.)

“PICTURE THIS” TRIVIA — THE ANSWER!

If you guessed that the “Picture This” Trivia picture was a close-up of Benny Beaver’s ear and eye, then you are CORRECT! But, you may ask, why was the CSS department graced with Benny’s presence? Well, it seems he showed up for **LORI WEBER**’s retirement party in August 2015. Lori started working for OSU’s Seed Certification Service in September of 2002 and retired on August 31, 2015. She and her husband did a one-month trip in September to visit family in Louisiana, Ohio, Illinois, and Wisconsin. After returning to Oregon they will enjoy retirement and take a few shorter trips around the state. She loves her flowers and plans to spend more time with them. She also plans to come back to campus occasionally to see everyone in the department. She thanks everyone who made her retirement party so special and gives an even bigger thanks to Benny!



DEPARTMENT FUN!

In honor of World Soil Day on December 5, 2014, the CSS department held a “Soils Dessert Contest.” The department asked participants to make a dessert that would represent soil horizons or have other soil-themed aspects to it. This contest showed just how creative in baking our researchers could be. Here are the submissions:



Soil Liquefaction Cake
by Adam Lindsley

AWARDS: Most complex flavor combination; most illustrative of dynamic soil processes; most thesis relevant

Description: Gluten-free/dairy free sand blow...cake. An edible version of what you might find in the vicinity of Charleston, SC. Note the liquefied C horizon cutting vertically upwards to the surface, carrying clasts of A and B horizon with it.



Swedish Spodosol
by Dave Myrold

AWARDS: Best E horizon (see arrow); most likely to be eaten by reindeer

Description: Carrot-Nutmeg Feather-Chocolate cake with Humus Frosting and Spruce-like Litter



Oxic Paleosol Spodosol
by Stephany Chacon

AWARDS: Most beautiful soil horizons; best use of color

Description: Chocolate (dark) shavings on top of chocolate cream cheese frosting. Chocoflan over red velvet (anoxic paleosol).

DEPARTMENTAL NEWS (cont.)

SOILS DESSERT CONTEST (cont.)



Soilborne Pathogens
by Eric Larson

AWARDS: Best impression of microbial life forms; best hyphae ever to have appeared on a cake

Description: The cake is a lemon petri plate with buttercream frosting. The aerial hyphal growth and bacterial colonies are made of melted sugar.



Gelisol
by Fumi Funahashi

AWARDS: Best Gelisol; most...ummm... gelatinous

Description: This is made from gelatinous ingredients from Japan (we think).



Hardwood Forest Floor
by Jennifer Parke

AWARDS: Best-tasting litter; most botanically correct litter layer

Description: Chocolate- and peanut butter-flavored leaves atop a toasted coconut flake/pecan decomposed O layer with dark chocolate A horizon and medium chocolate Bw horizon.



Guess the Soil Order
by Kim Townsend

AWARDS: Best use of macrofauna (see arrow); best model of climate change in the Arctic

Description: Soil profile in layered ice cream. Earthworms not to scale!

CSS AWARDS AND RECOGNITION

The Department of Crop and Soil Science received Third Place in the Team 4 Division (101+ Employees) of OSU's 33rd Annual Food Drive in March 2015. We donated, through cash and actual food items, a comparable total of 34,568 pounds in food. **EMMALIE GOODWIN**, Office Specialist 2 for the CSS department, was also recognized for serving as the food drive coordinator.

FACULTY AND STAFF

~ The 25 Year Club ~

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

Dr. Jennifer Parke
promoted to Professor, Senior Research

Dr. Dan Sullivan
promoted to Professor

Congratulations to both of you!

(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)

2015 CSS Recipients:

25-Year Inductees –

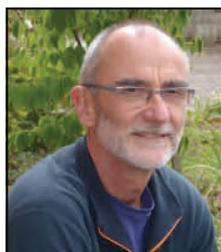
Mylen Bohle
Thomas Chastain
Richard Roseberg

30-Year Honoree – Karl Rhinhart

35-Year Honoree – Peter Bottomley

ADDITIONAL FACULTY AND STAFF AWARDS AND RECOGNITIONS

NICOLE ANDERSON, extension commercial field crops agent for Yamhill, Washington, and Polk counties, received the Western Region Award for her extension publication, *Applying Lime to Raise Soil pH for Crop Production (Western Oregon)*, from the National Association of County Agricultural Agents. Nicole also received an award from the Agri-Business Council of Oregon—Voice of the Grass Seed Industry Award for Outstanding Support of the Oregon Grass Seed Industry.



Prof. **PETER BOTTOMLEY** received the ARF Distinguished Faculty Award at the 2015 College of Agricultural Sciences' Faculty and Staff Awards luncheon held on October 13, 2015.

Prof. **THOMAS CHASTAIN** was honored as the 2015 Ag Exec Distinguished Professor at the College of Ag Sciences Celebrating Excellence event held on May 13, 2015. JAY NOLLER expressed congratulations to Tom and gave him much appreciation for his "excellent tutelage of students." And the department thanks you too, Tom!



CSS AWARDS AND RECOGNITION (cont.)



ERIK FEIBERT, Senior Faculty Research Assistant at Malheur Experiment Station in Ontario, OR, was awarded the ARF Faculty Research Assistant Award at the 2015 College of Agricultural Sciences' Faculty and Staff Awards luncheon held on October 13, 2015. Erik's award was presented to him by station superintendent, CLINTON SHOCK.



SANDY MACNAB, Extension Ag/Dryland Cereal Crop Specialist for Sherman and Wasco counties (and county leader in Sherman County), reported in his *Mid-Columbia Farmer's Newsletter*, that May 7, 2015 "marked the beginning of my 37th year as an OSU Extension Agent. What a long, strange trip it's been...".



CAROL MALLORY-SMITH was the recipient of the Presidential Award of Merit from the Western Society of Weed Science. Carol also received the 2014 Service Award from the Oregon Ryegrass Growers Association.



TRACY MITZEL, Office Specialist 2, received the 2015 ARNOLD AND GERRY APPLEBY SERVICE AWARD at the 2015 Student Honors and Awards Reception Night in May 2015. It was an unexpected honor for Tracy to receive this award and she thanked the Applebys for their continued support of departmental faculty and staff.



SUJAYA RAO is currently serving, part time, as Interim Director for Undergraduate Research in the new Division of Undergraduate Studies (<http://undergraduate.oregonstate.edu/about-us>). Based on her past experiences with the NSF Research Experiences for Undergraduates (REU) program she was approached to serve in this role to promote undergraduate engagement in scholarly and creative independent projects in all disciplines at Oregon State University. Earlier in the year, she stepped down as Leader for the OSU Entomology Program.

Itsue Pfund, Manager of Finance and Accounting in the Agricultural and Marine Sciences Business Center (AMBC), announced that **JoANNE SCHELER**, AMBC Grants and Contract Technician, received a Leadership/Mentor award at the annual Finance and Administration (F&A) picnic in August 2015. The award *recognizes any F&A employee regardless of job title or position who shows commitment to the F&A vision and objectives...channels their ambitions toward the good of the organization...supports or mentors staff....* Itsue described JoAnne as being very surprised and speechless (if you can believe that!) upon receiving this award. Congrats, JoAnne!



CSS AWARDS AND RECOGNITION (cont.)

GRADUATE STUDENTS

Nancy Aerni, representative of the Oregon Seed Association, forwarded an article about OSA scholarship award winner, GABE FLICK (master of science student with advisor CAROL MALLORY-SMITH). Gabe was the recipient of the W. Kent Wiley, Jr. Memorial Fellowship Award; the *Idaho Press-Tribune* newspaper out of Nampa, ID, printed the following article:

http://www.idahopress.com/community/front_porch/keep-all-of-those-tidbits-coming/article_eb1996ca-c200-11e4-869c-4b01f8a57d45.html

The Oregon Seed Association has a scholarship called the William Kent Wiley, Jr. Memorial Fellowship Award. It's a \$500 scholarship that was established in memory of Kent Wiley, co-founder of Pickseed West, Inc. who developed the company's research department. This winter, it was awarded to two young men. And it looks like Middleton's Gabe Flick was one of them! He's a second-year graduate student who is working hard on his thesis research project with a professor at Oregon State. The project has to do with the "Co-Existence of Canola in the Willamette Valley" (I had to look that one up; looks like it's a valley in northwest Oregon where a lot of grass seed is produced). Good luck, Gabe! I hope your project is everything you want it to be.

Read more at: http://www.idahopress.com/community/front_porch/keep-all-of-those-tidbits-coming/article_eb1996ca-c200-11e4-869c-4b01f8a57d45.html

KRIS OSTERLOH won a cash prize for his poster titled "Digital Soil Mapping of the Willamette National Forest" at the 2014 SSSA Pedology Division Student Presentation Competition in Long Beach, CA, during last year's CSA/SSSA/ASA meetings in November.

CSS ACADEMIC PROGRAMS

SCHOLARSHIP WINNERS

The Department of Crop and Soil Science offers more than 25 student scholarships each year. For the 2015-16 academic year, \$28,000 in departmental scholarships was awarded, and an additional \$36,100 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 \$64,100. The Student Honors and Awards Reception Night was held on May 26, 2015 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.

Andrew Altishin, Graduate Student

- William Kent Wiley, Jr. Memorial Fellowship

Duangporn Angsumalee, Graduate Student

- Larry C. Burrill Memorial Scholarship
- Robert & Carolyn Witters Travel Fund

Adriana Argoti, Graduate Student

- Jarvis Travel Award

Makenna Becker, Undergraduate Student

- John Flanagan Memorial Scholarship
- Johnny R. & Helen H. Thomas Scholarship
- McGuire Crop Science Scholarship

John Beitel, Undergraduate Student

- Western Seed Association Scholarship
- Oregon Seed Grower's League Scholarship

CSS ACADEMIC PROGRAMS (cont.)

Pete Berry, Graduate Student

- Robert & Carolyn Witters Travel Fund

Henry Cakebread, Undergraduate Student

- Outstanding Senior for 2014-15, Soils

Stephany Chacon, Graduate Student

- Jarvis Travel Award

Chase Cochran, Undergraduate Student

- American Seed Trade Association Scholarship
- Oregon Seed Cleaning Scholarship

Rachel Danielson, Graduate Student

- Dorothea & Henry Rampton Memorial Scholarship

Lisa Dempster, Undergraduate Student

- Robert H. Warrens Memorial Scholarship

Jennifer Fedenko, Undergraduate Student

- Johnny R. & Helen H. Thomas Scholarship
- John & Jean Krautscheid Scholarship
- Donald D. Hill Memorial Scholarship

Gabriel Flick, Graduate Student

- William Kent Wiley, Jr. Memorial Fellowship

Brooke Getty, Graduate Student

- Sheldon L. Ladd Memorial Scholarship

Ryan Graebner, Graduate Student

- Dorothea & Henry Rampton Memorial Scholarship

Alex Hazlehurst, former Graduate Student

- Jarvis Travel Award

Bryan Ibarra, Undergraduate Student

- Arthur King Memorial Scholarship

Matthew Klein, Graduate Student

- Rod & Ruby Frakes Scholarship

Jacob Kollen, Graduate Student

- J. Ritchie Cowan Memorial Scholarship

Dylan Larkin, Undergraduate Student

- Oregon Seed Growers League Scholarship
- Outstanding Senior for 2014-15, Crops

Anis Lestari, Graduate Student

- Grace Armah-Agyeman Travel Award

Sarah Light, Graduate Student

- John & Jean Krautscheid Scholarship

Mingyang Liu, Graduate Student

- J. Ritchie Cowan Memorial Scholarship

Deanna Lloyd, Graduate Student

- Rod & Ruby Frakes Scholarship

Justin McClaughry, Undergraduate Student

- Oregon Seed Growers League

Trang Nguyen, Graduate Student

- Larry C. Burrill Memorial Scholarship

Anthony Otter, Undergraduate Student

- John Flanagan Memorial Scholarship
- Jaeger Undergraduate Scholarship
- Johnny R. & Helen H. Thomas Scholarship
- M. Dale Chipman Memorial Scholarship

Kelsey Potter, Undergraduate Student

- Johnny R. & Helen H. Thomas Scholarship
- Wilson H. Foote Memorial Scholarship

Katherine Smith, Undergraduate Student (EOU)

- Timothy Scott Wirth Memorial Scholarship
- William & Heidi Geschwill Scholarship

Delanie Sommers, Undergraduate Student

- Rod & Ruby Frakes Scholarship
- Wayne & Joann Chambers Scholarship

Trina Stewart, Undergraduate Student

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

April Strid, Graduate Student

- J. Ritchie Cowan Memorial Fellowship

Benigno Torres, Undergraduate Student (EOU)

- Johnny R. & Helen H. Thomas Scholarship

Tom Wanzek, Graduate Student

- J. Ritchie Cowan Memorial Scholarship

Dustin Welters, Undergraduate Student

- John Flanagan Memorial Scholarship
- Rod & Ruby Frakes Scholarship
- Don Burlingham Scholarship

CSS ACADEMIC PROGRAMS (cont.)

CSS GRADUATES 2014-15

Undergraduate Students

Nathan Azevedo (F'14)	Jason Hayes (F'14)
John Beitel (Sp'15)	Mitchell Hickey (Sp'15)
Henry Cakebread (Sp'15)	Dylan Larkin (Sp'15)
Raven Chavez (Sp'15)	Justin McClaughry (Sp'15)
Daylen Cossey (Sp'15)	Anna Sandau (Sp'15)
Tiffany Harper (W'15)	Kenneth Smith (Sp'15)

Graduate Students

Natalie Allen (W'15, MS) (major professor: Jennifer Parke)	Matthew James (Su'15, MS) (major professor: Sabry Elias)
Gloria Ambrowiak (Sp'15, MS) (major professor: Maria Dragila)	Adam Lindsley (F'14, MS) (major professor: Jay Noller)
Sarah Del Moro (Su'15, MS) (co-major professors: Horneck/Sullivan)	Jade Marks (F'14, MS) (major professor: Julie Pett-Ridge)
Alyssa Duval (Sp'15, MS) (major professor: Tom Chastain)	Matthew McClintock (F'14, MS) (major professor: Julie Pett-Ridge)
Brock Ferguson (Sp'15, MS) (major professor: Tom Chastain)	Brianna Randow (Sp'15, MS) (major professor: David Hannaway)
Austin Fricker (Su'15, MS) (major professor: Shaun Townsend)	Colleen Roseborough (F'14, MS) (major professor: Bob Zemetra)
Fumiaki Funahashi (Sp'15, PhD) (co-major professors: Myrold/Parke)	April Strid (Su'15, MS) (major professor: Kate Lajtha)
Ryan Graebner (F'14, MS) (major professor: Patrick Hayes)	John Yeo (F'14, PhD) (major professor: Dan Sullivan)

DEAN'S LIST OF UNDERGRADUATES, 2014-15

Ruben Aleman (W'15, Sp'15)	Dylan Larkin (F'14, W'15, Sp'15)
Nathan Azevedo (F'14)	Justin McClaughry (F'14, W'15)
John Beitel (F'14, W'15, Sp'15)	Anthony Otter (Sp'15)
Henry Cakebread (W'15, Sp'15)	Amanda Pennino (Sp'15)
Lisa Dempster (F'14, W'15, Sp'15)	Jackson Santee (F'14)
Amelia Doyle (F'14, W'15, Sp'15)	Trina Stewart (F'14, W'15, Sp'15)
Jennifer Fedenko (F'14, W'15, Sp'15)	Nami Wada (Sp'15)
Tiffany Harper (F'14)	John Weber (F'14)
Brian Hill (F'14, W'15, Sp'15)	Dustin Welters (W'15)
Kathleen Knight (W'15, Sp'15)	

NEWS: FROM YOU TO US, FROM US TO YOU

NEW PERSONNEL

We welcomed the following personnel to the Department of Crop and Soil Science since last October 1, 2014:

Dr. REBECCA A. LYBRAND has been hired as Assistant Professor, tenure track, in the subject of Pedology for the CSS department. Rebecca is due to start November 30, 2015 and will teach the Soil Landscape Analysis course during Winter 2016 term and the Soil Morphology and Classification course during Spring 2016 term. Rebecca is completing her postdoctoral scholar work at the University of Arizona, where she recently earned her PhD in the Department of Soil, Water and Environmental Sciences. She has experience in pedology and Critical Zone science. She is taking over the office and labs that JAY NOLLER had been so fortunate to use the past fifteen years. We welcome REBECCA and look forward to a new generation of soil science teaching and research!



In January 2015, a search committee met with candidates for Barb Reed's replacement as CSS departmental administrative manager. The committee, headed by JAY NOLLER, selected KRISTIN RIFAI for the position. Kristin came to our department most recently from the Business and Engineering Business Center on campus. To get to know Kristin, we asked her to provide us with her personal/professional background and to also answer some "fun" questions.

I have been married to my husband, Issam, for 27 years. We met here at OSU and ended up back here after living in Washington (DC) and Portland. My son Zach was born in Portland; he is 23 years old and recently graduated from UO with a BS in Business Administration – Computer Information Technology. My daughter Yasmine is 21 years old and was born in Corvallis; she attends OSU and is currently studying Chemical Engineering. Yasmine and I just completed the apprentice beekeeping program here at OSU and each of us has a beehive that we care for in our backyard.

I love old people. I had only one living grandparent growing up but she lived in California so I was not able to know her well. Both my parents and my husband's parents are deceased so my children did not experience that relationship with grandparents either. I am REALLY looking forward to one day being a grandparent and sharing that very special bond with my grandchildren.

My career path has been quite varied. I have worked in the travel industry (USAir), managed a non-profit (St. Mary's), recruited for high-tech (Agilent Technologies), Human Resources (Hewlett-Packard and OSU), Disability Access Services (OSU), and I own my own business providing communication access to deaf and hard-of-hearing students across the US (Helpful Type). Each of these experiences has enriched and enhanced my view on the world.

What is one of your favorite quotes? "You can easily judge the character of a man by how he treats those who can do nothing for him." --*Malcolm Forbes*

If you could learn to do anything, what would it be? I really, really want to learn how to build a cob oven for my backyard. I love to feel competent around the house, so anything related to updating/renovation is always a fun challenge.

Where do you most want to travel but have never been? I want to travel to Beirut, Lebanon, with my family. My husband is from Beirut...it is a trip long past due but, for obvious reasons, will not happen soon.

What is the one thing that should be taught in elementary/high schools that isn't already? Courtesy and Social Justice.

If you could paint a picture of any scenery you've seen before, what would you paint? Oh, I wish I could paint. Niagara Falls was beautiful back in the '80s; I love the blue and white sands of the Caribbean; Alaska, the glaciers calving...breathtaking. I don't think I could pick just one—there are so many beautiful places in the world and we are lucky to live in this beautiful state of Oregon.

NEWS: FROM YOU TO US, FROM US TO YOU (cont.)

NEW PERSONNEL (cont.)

Additional new hires:

Gracie Galindo, Biological Sciences Research Technician
Claire (Hafdahl) Lande, Biological Sciences Research Technician
Tyler Harran, Faculty Research Assistant
Megan Mobley, Instructor
Jay Noller, *hmmmm, what is he exactly?* Oh, yeah, he's our new Department Head!

RETIREMENTS/RESIGNATIONS

Will Austin—retired 6/30/15, on academic wage appointment until 12/31/15
Jeff Leonard—retired 6/30/15, on academic wage appointment until 6/30/16
JoAnne Scheler—retired 8/31/15, on temporary appointment until 2/29/16 (with a possible extension)

DEPARTMENTAL PERSONNEL NEWS



Born on August 26, 2015, GEORGE LIU, was welcomed by his momma, YULIN SUN (M.S. student with major professor JAY NOLLER), and his poppa, MINGYANG LIU (MS student with major professor CAROL MALLORY-SMITH), and older sister Lisa. George's weight at birth was 7 lb, 8 oz and his length was 19.75 inches.



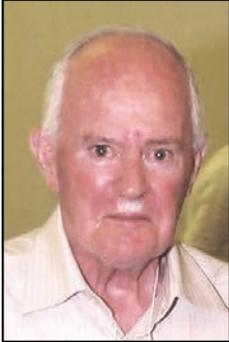
VIRGINIA NEYLON, Office Specialist at the OSU Seed Laboratory, gave birth to ZEPHYR TAGGART NEYLON on August 29, 2015. Zephyr weighed 7 lb 10 oz and was 21 inches long.



RUSSELL BENJAMIN YEO was born on December 21, 2014 to parents JOHN YEO (former soils graduate student with major professor DAN SULLIVAN) and EBBA PETERSON (research assistant with JENNIFER PARKE's lab). The Winter's solstice baby weighed 7 lb 13 oz and "packed a mighty scream" according to Ebba.

NEWS: FROM YOU TO US, FROM US TO YOU (cont.)

IN MEMORIAM



MURRAY D. DAWSON passed away on September 3, 2015 in Kirkland, WA, after a lengthy struggle with Parkinson's disease. The following information is from Murray's obituary in the *Corvallis Gazette-Times*: Murray was born December 16, 1924 in Christchurch, New Zealand, and moved to the US in 1952 to pursue his PhD at Cornell University in soil science. Upon graduation, he accepted a position at OSU where he taught, conducted research, and mentored his graduate students until 1975. After leaving OSU, Murray pursued international work full time with the Ford Foundation and then Winrock International, living in Thailand, Bangladesh, and Pakistan. He is remembered and respected in these countries for his technical expertise as well as his collaboration, humor, and willingness to work side by side with farmers and local counterparts. Murray and his wife Kath (Kathleen) retired from international work in 1990, settling in Bothell, where Kath continues to live.



The *Corvallis Gazette-Times* reported the passing of BARBARA M. GOETZE on April 16, 2015. Barbara married NORMAN GOETZE in August 1954; he preceded her in death last July, as reported in the previous issue of *Crop and Soil News and Views* (Fall 2014). Barbara received her undergraduate degree in home economics from Oregon State College in 1953 and married Norm in 1954. She and Norm had two children and four grandchildren.



IVAN HAGEN, a knowledgeable and well-respected member of the OSU Seed Certification staff for over 20 years, died on March 6, 2015. Ivan's obituary in the *Corvallis Gazette-Times* reported that Ivan graduated from OSU in 1969 with a BS in farm science and he immediately began work with OSU Farm Crops where he worked until his retirement in 1992. Ivan continued to work at OSU during the summers after his retirement because "he enjoyed the work and the people he was fortunate to work with." He is survived by his wife Betty, six sons, eight grandchildren, and six great-grandchildren. DENNIS LUNDEEN, Manager of the Oregon Seed Certification Service at OSU, commented that he will be greatly missed by the Seed Certification staff and many others at OSU who knew him.



JoANN HATHAWAY passed away on April 28, 2015. JoAnn met Roy Hathaway during FFA and Home Ec club get-togethers at Corvallis High School. They raised four children on their 500-acre row-crops, hazelnuts, berries, wheat, alfalfa, and seed farm near Corvallis; they later added another 500 acres of timberland. JoAnn served the Farm Bureau for over 60 years and she believed that farm women had a special opportunity to affect change. In 2005, JoAnn received the Diamond Pioneer Award from OSU's College of Agricultural Sciences.



NEWS: FROM YOU TO US, FROM US TO YOU (cont.)

IN MEMORIAM (cont.)



HOMER M. HEPWORTH died on May 9, 2015. According to ARNOLD APPLEBY: “Many of you will remember Homer Hepworth, who once served as our weed extension specialist. He retired to Bend where he remained actively involved in community affairs, including expressing his opinion in the local paper. I very much enjoyed and admired his keen intellect and ready humor, and I will miss him. He was 93, so he has lived a long and productive life.” His retirement in Bend also led him to serve as the “porcupine docent” at the High Desert Museum. Homer is survived by his wife, Cindy, four children, eight grandchildren, and seven great-grandchildren.



We were also recently informed of the following alum who has passed away:

Rick Holbrook (Fargo, ND)—Rick passed away in January 2015 from the effects of ALS

NEWS FROM ALUMNI AND FRIENDS

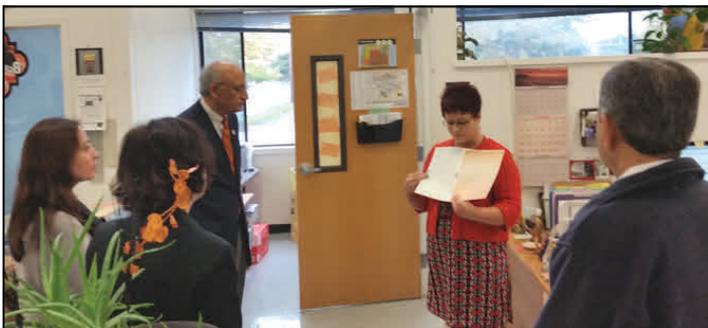
Nancy Danielson, wife of former head of the OSU Seed Laboratory, ROGER DANIELSON, had a bad stroke back in March of 2015. Daughter Amy reported to ARNOLD APPLEBY via email that Nancy wanted the department to know that she was making great strides even with left-side paralysis and she had exceeded doctor’s expectations.

DAVID A. RAFANELLI, '71 (Crop Science/Agronomy), is the current owner and winemaker emeritus at A. Rafanelli Winery and Vineyards in Healdsburg, CA. His oldest daughter, Shelly, is the current winemaker and her sister, Stacy, also works at the vineyard, making them the fourth generation of Rafanelli winemakers at the winery!

BILL L. ROSE, '51 (Soils), who works at PureSeed, wrote to us and reports that he is “developing pellets that will establish C.P. plants following range fires due to cheat grasses.”

SPECIAL RECOGNITIONS

SABRY ELIAS of the OSU Seed Lab sent us pictures of OSU Provost Sabah Randhawa’s visit to the lab in the fall of 2014. Dr. Randhawa and guests are shown with Jodi Keeling, office manager, and with Sabry and ADRIEL GARAY.



NEWS: FROM YOU TO US, FROM US TO YOU (cont.)

SPECIAL RECOGNITIONS (cont.)

SABRY ELIAS, Associate Professor, Senior Research of Seed Science and Technology and Viability Supervisor at the OSU Seed Laboratory, was invited to be a visiting professor at Federal University of Pelotas (UFPEL) in Brazil during the period of January 29 – February 27, 2015. He participated in various activities related to the seed science and technology program at the University. The UFPEL provided the financial support for the trip, covering the travel and all the living expenses. Sabry noted that the seed program in UFPEL is one of the largest seed programs in Brazil, with 10 faculty members and close to 50 graduate students studying seed physiology, production, and technology. Sabry supplied a report to his supervisors and interested parties regarding his trip; some excerpts are below:

During the first week of my visit, I met with the Dean of the Agronomy, Engineering and Biotechnology school. We discussed any possible cooperation that benefits our students, exchange ideas, and experiences. I also, visited various graduate programs including plant breeding and genetics, soil science, agriculture engineering, and food science. During this week, I also visited different research centers, fields, and facilities of “EMBRAPA” in S. Brazil. In addition, I was offered a professional culture tour to the area, including historical places, religious sites, and a tour in the Lagoon and Pelotas River by ship.



During the second week, I offered a 5-day theoretical and hands-on course on the viability test “Tetrazolium”. Most of the attendees were graduate students from the seed program, but we also had faculty members and the head of EMBRAPA’s Seed Lab among the audience. The workshop included a comprehensive coverage of seed anatomy and physiology to help identify the critical areas in evaluation TZ tests...and included a group discussion for problems in TZ testing as well. It was a great one.

During the third week of my visit, I was invited to visit some grass seed production fields in Uruguay. Also, I visited two research stations (Instituto Nacional de Investigacion Agropecuaria or INIA) in Colonia and Treinta Tres, UY. We discussed several issues in grass seed production and quality.... In addition, the UFPEL faculty member who accompanied me on the trip gave me a culture tour in Uruguay.

During the fourth week, we visited quinoa research trials at the EMBRAPA research station.... We discussed various potential research trials, including variety trial, seeding rate, and date. In addition, we discussed a study on the visual indicators of physiological and harvest maturity in quinoa in relation to seed quality.

Overall, it was a great trip for networking, exchange experiences, benchmarking of our seed lab, seed program, and international interaction between OSU and UFPEL. The trip left a nice impression on both sides and prepared for further collaboration in areas of interest in the future.



SPECIAL RECOGNITIONS (cont.)

ARNOLD APPLEBY sent an email to the CSS department reporting that FRED CHOLICK, a graduate of Oregon State University (possibly in General Ag), had been honored with the establishment of a scholarship at Kansas State University, where he served as dean of the College of Agriculture, director of K-State Research and Extension, and CEO for the KSU Foundation for the past 11 years. Fred and his wife, Cathy, wanted to make sure the scholarship would be available for future generations of students, so they also made a contribution to the scholarship fund in order to make it endowed. Arnold seems to remember that Fred did his graduate studies at Colorado State and then returned to OSU on a post-doc with Warren Kronstad. Fred then became a plant breeder after his stint at OSU and continued on as Dean of Ag at South Dakota State before going on to Kansas State. If you would like to honor Fred and Cathy Cholick by contributing to the KSU scholarship fund, you may donate online at <http://www.found.ksu.edu/why-i-give/2015/cholick.html>. If you wish to congratulate Fred on this honor, you may contact him at fcholick@ksu.edu



Fred and Cathy Cholick (center), together with members of K-State Student Foundation, at Fred's retirement reception in March. *(photo courtesy of KSU)*

DIAMOND PIONEER REGISTRY: On October 6, 2015, a recognition luncheon was held to honor those people nominated to the Diamond Pioneer Agricultural Achievement Registry. The department nominated MIKE STOLTZ of Albany, OR, and Dr. ROBERT WITTERS of Corvallis, 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.



Mike Stoltz



Bob Witters

and

HYSLOP FARM FIELD DAY—MAY 2015

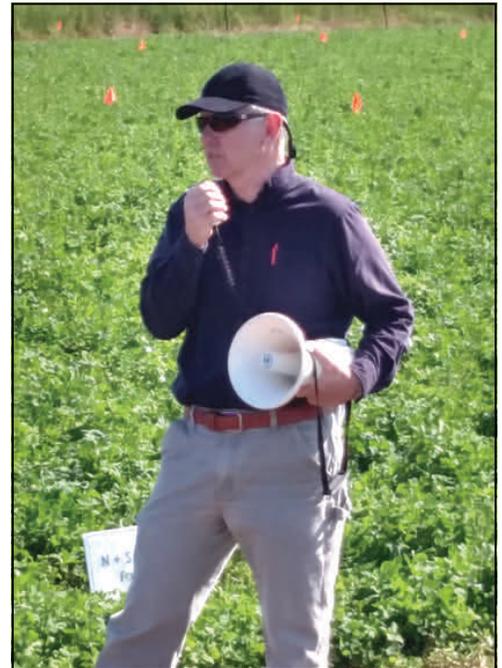
The CSS department once again sponsored the Hyslop Farm Field Day on May 27, 2015. The agenda for this field day included the following topics: *New Ryegrasses and Thermogradient Table* (Adriel Garay); *Developing New Winter Wheat Cultivars for Oregon* (Bob Zemetra); *Cereal Disease Issues in the Willamette Valley: Rust, Septoria, Sharp Eyespot, and Yellow Drawf Virus* (Chris Mundt); *Agronomic Trials in Red, White and Crimson Clover Focusing on Nutrient Management and Plant Growth Regulators* (Tom Chastain, Nicole Anderson); *Insect Pathogens as Potential Biological Control Agents for Clover Root Borer Manager* (Anis Lestari, Sujaya Rao); *Update on Efforts to Address Slug Pests in Western Oregon* (Sujaya Rao); *Updates on Weed Management in Grass Seed Crops* (Andy Hulting); *Update on OSU Trials on Canola* (Carol Mallory-Smith); *Winter Barley Breeding Efforts* (Scott Fisk).



Bob Zemetra (far left) and
Chris Mundt



Nicole Anderson and
Tom Chastain (far right)



HYSLOP FARM FIELD DAY—MAY 2015 (cont.)

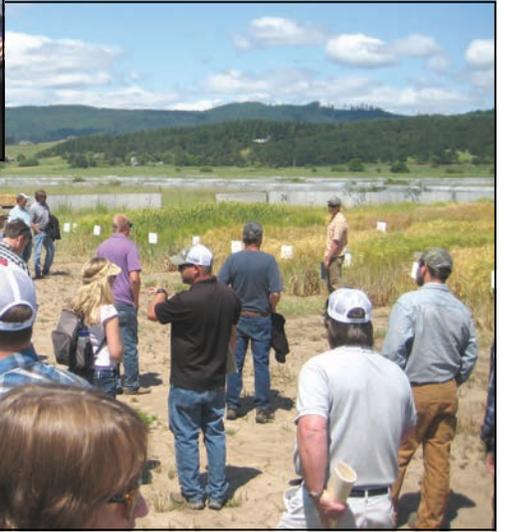


Left to right: Carol Mallory-Smith, Sujaya Rao, and Scott Fisk



Cindy Ocamb and Dan Curtis (far right)

HYSLOP FARM FIELD DAY—MAY 2015 (cont.)



...and, as usual, the Crops Club provided lunch for the group

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Todd Bastian, Senior Director of Development or
Jack Holpuch, Associate Director of Development
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todd.bastian@oregonstate.edu (Office) (541) 737-8724 or (Cell) (541) 231-6346

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Please detach this page, fold, staple or tape and return to: Tracy Mitzel, Department of Crop and Soil Science, Oregon State University, 107 Crop Science Building, Corvallis, OR 97331-3002 or send your changes via email to: tracy.mitzel@oregonstate.edu