

Division of University Outreach and Engagement

Oregon State University
September 2016

The Division of University Outreach and Engagement connects Oregon State University, the state's land grant university, to the rest of the world by making its educational programs accessible wherever and whenever people need to learn.

This academic report integrates division activities and accomplishments. It includes highlights from OSU Extension Service; OSU Open Campus and special initiatives; and Educational Outreach, which prior to June 30, 2016, included Extended Campus (Ecampus, Summer Session, Open Oregon State and the Ecampus Research Unit), Professional and Continuing Education (PACE) and Extension and Experiment Station Communications (EESC). For a complete picture of university-wide outreach and engagement, consult the appropriate sections of each college's report.

Goal 1: Provide a transformative educational experience for all learners.

The Division leads and contributes to impactful programs that enhance the learning environment, grow online education and advance learner success.

Division eases learner transition between high school completion and access to higher education, and promotes career success.

- **Hood River Open Campus (OC)** partnered with Columbia Gorge Community College (CGCC) to eliminate programming gaps between CGCC course offerings and OSU Ecampus degree requirements. OC coordinators also meet with CGCC students to help them identify an educational plan. In the past year, more than 85 students have engaged in one-on-one coaching.
- Most students in Crook County High School are first-generation college students, making it a challenge to understand the college application and financing process and what it takes to be successful in college. To improve retention rates for the high school's Advanced Diploma students, Open Campus and its COCC and high school partners delivered workshops with topics like time management, academic advising, instructor expectations, value of college education, transferring and transcripts, COCC tutoring resources, and financial aid and scholarships. Students continue to be mentored after the workshops resulting in an 11% higher retention rate.
- The **Basin Partnerships Internships Program** was piloted in cooperation with OSU Open Campus, Klamath County School District, Klamath Falls City Schools, Southern Oregon Education Service District and Junior Achievement. The internship program gave students a six-week, full-time work experience in exchange for a \$1,000 stipend. Forty high school juniors and seniors applied; 19 students were placed and completed their internships. Students gained valuable work environment skills and career exploration opportunities.
- To achieve success in both post high school education and future careers, the **4-H ExCEL program** was developed in partnership with the Oregon Zoo for high school youth interested in animal sciences. The 25-hour training explored career options in animal sciences and students learned how to select the best college that meets their needs, discovered how to fund their education, and identified what steps they can take while still in high school to ensure they are successful in pursuing their education and career path. Twenty-nine students participated in 2015.

OSU Extension Service programming supports learning for individuals, families, educators and industry.

- OSU Extension 4-H partnered with Metro, Portland Community College, U.S. Forest Service, and the Pacific NW Research Station to create the **Blue Lake Young Rangers** program. The three-month summer program offers underserved and underrepresented middle- to high school-age youth in Multnomah County the chance to participate in a variety of real world STEM and outdoor service projects, develop interpretive materials, lead hikes, and create connections to natural spaces while building leadership skills, goal setting, and academic preparedness.
- In Grant County, schools function on a four-day week creating a problem for parents with elementary age students who work on Fridays. To provide safe, structured activities with access to meals, 4-H partnered with schools and created the **After Friday School** program for up to 80 K-6 students. Kids are fed a nutritious lunch, learn a nutrition lesson taught by a SNAP-Ed educator and rotate between physical and STEM activities.
- Teachers are concerned that they lack the capacity to teach science in a way that address new Oregon Department of Education and Next Generation Science Standards related to STEM programming. Clackamas County 4-H responded by creating and

delivering an **in-school science enrichment program** to engage students in learning through hands-on science lessons and activities, developing science ready teaching kits with classroom materials, and providing teacher training, mentoring and classroom support from 4-H staff and volunteers. More than 2,500 Clackamas County students participate each year.

- **Oregon Natural Resources Education Program (ONREP)** prepares K-12 educators to actively engage students in the study of Oregon's diverse natural resources and ecosystems through place-based experiential learning. These educators reach a potential of 94,020 students each year creating environmentally literate citizens equipped to make informed decisions, exhibit responsible behavior, and take constructive action to ensure a sustainable future for Oregon's natural resources.
- Small scale farmers with diverse operations who tend to focus on direct-to-the-consumer marketing are a large, but historically underserved audience. The OSU [Small Farm website](#) and [newsletter](#) were developed to **increase access to research-based information** to enhance the likelihood of developing a successful farm business. Content focuses on land stewardship, crop production and marketing. The website now has page views in excess of two million annually. Audience is primarily U.S. based, but also reaches China, United Kingdom, Japan and Canada.

Extended Campus helps raise and equalize student success, and advances learning through course design, assessment and faculty development.

- January 2016, U.S. News & World Report ranked OSU's **Ecampus seventh out of 300 online bachelor's degree programs** nationwide, with a score of 93 out of 100. Schools were assessed based on student engagement, faculty credentials and training, peer reputation and student services and technology.
- Ecampus made **student academic success and career counseling** available to all distance, degree-seeking undergraduate students. The unit also developed and offered online courses to help improve students' success in online modality, as well as career-preparation courses.
- Ecampus completed the one-year **migration from Blackboard to Canvas** as of winter 2016. Using an "if we move it, we improve it" model, Ecampus improved the course design of virtually every migrated course by applying a Quality-Matters-based template, capitalizing on the migration as an opportunity for wide-scale course design improvements. Ecampus growth continued through the migration period. And 168 faculty collaborated with Ecampus instructional designers on funded course developments or redevelopments.
- Open Oregon State made funds available for faculty to **replace costly course materials with no-cost materials** by adopting, adapting, or creating open educational resources. Sixteen open texts are in development. At least seven courses adopted an open textbook this year making a significant financial impact on students.
- Ecampus partnered with the Provost's Office, the Division of Undergraduate Studies, and the Office of the CIO to secure \$515,000 in funding from the Association of Public and Land-grant Universities (APLU) in support of **faculty development for the implementation of adaptive learning software**.

Educational innovation highlights:

- Extension 4-H and the U.S. Fish and Wildlife Service partnered on a five-year project to develop a new multi-media curriculum about the Pacific Lamprey and its slide toward extinction for 4-6 grade students and also test for learning effectiveness. The **4-H Pacific Lamprey in the Classroom** curriculum helps students meet core standards in science and social sciences. The project is designed to create awareness, encourage youth to take action to protect the lamprey, support science learning in the classroom, and engage kids in citizen science.
- 4-H invited students from five southeast Portland schools to become members of the **Montavilla Young Makers Club**. Industry professionals and college mentors meet two hours per week with middle school participants to explore various STEM topics. Projects included: basic circuitry using conductive stickers, wearable technology, the design and creation of a bilingual game, and building a 12-foot sailboat.
- **4-H STEM Beyond School** is a 17-month, \$1.5 million STEM Innovation Grant from the Oregon Department of Education. Investigators include partnerships with 11 STEM Hubs and more than 75 community partners representing local government agencies, schools and school districts, industry, community colleges, and non-profits to bring high quality STEM education to both urban and rural areas across Oregon.
- Ecampus launched its **first course using virtual reality (VR)**. Students in CROP 200 use VR goggles or apps on their phones or tablets to walk through a 3-D greenhouse where they can interact in a virtual reality setting with plant specimens.
- Ecampus completed the development of the **online biology series**, which is now serving hundreds of students per term, and

continued to improve the 3-D microscope for use in online science courses, which allows online students to manipulate controls and view actual photographs of slide contents.

- Ecampus piloted **YouSeeU**, a video tool that allows instructors to time the video responses of students to simulate synchronous conversation in an asynchronous format. YouSeeU also allows students working in groups to submit video segments that are stitched into one seamless video presentation.
- In the wake of the Oregon state legislature's passage of a bill allowing pharmacists to prescribe contraceptives, Professional and Continuing Education (PACE) worked closely with partners in the College of Pharmacy in fall 2015 to develop related **online professional development and certification**.
- The **OSU Online Blueberry School** launched with curriculum covering plant growth and physiology, cultivars, pests and production systems to establish or improve new or established blueberry farms. Small- to large-sized farms using conventional or organic production methods benefit from improved farm yields with the 100 percent online PACE course enrollment.

Additional efforts to advance learning, faculty development and student success

- **Tech Trek**, the Open Campus STEM camp for 35 8th grade girls from rural coastal communities, spent a week immersed in STEM. They built mobile apps for cell phones and tablets, learned to prevent hacking through cyber security, visited HMSC to learn about marine biology and robotics, had workshops in astronomy, animal science and botany, and spent time with women working in STEM careers.
- The **Youth Advocates for Health Program (YA4H!)** is engaging 4-H teens in teaching nutrition and healthy living concepts to elementary school youth. Last year over 1,200 K-5 youth were reached by 68 teens in six counties. In a follow-up evaluation study with the teens, results showed that teens participating as teachers gained confidence and skills in teaching younger youth, as well as an understanding of nutrition and a desire to be a role model for younger youth. YA4H! is now in 11 counties.
- Extension's **Small Farm School** provides access to practical, research-based information to manage small farm investments and businesses and to steward natural resources. The OSU Metro-area Small Farm program worked with Clackamas Soil and Water Conservation District and Clackamas Community College and other partners to create and deliver a one-day event that allows for a combination of field and classroom workshops. 776 people have attended Small Farm School since its inception in 2012; 210 attended in 2015.
- In coordination with OSU Student Health Services and the Graduate School, Ecampus funded the purchase of **HAVEN-Plus** for all of OSU, the required Title IX sexual harassment prevention training program designed to fit non-traditional adult student populations.
- Ecampus renewed its **commitment to America's military** by providing flexible, rigorous educational opportunities that meet the unique needs of service members worldwide. A total of 503 military veterans and dependents enrolled in Ecampus classes in 2015–2016, a 7 percent increase from the previous year. In January, U.S. News & World Report ranked OSU's online bachelor's degree programs in the top 10 in the nation for veterans for the second year in a row.
- More than 200 people attended the ninth annual **Ecampus Faculty Forum** in April, which featured a keynote address about emotional design by Jan Plass from NYU. Faculty attendees also experienced a virtual reality demo. Extending the Faculty Forum experience through the year, 75 faculty members met for Ecampus Faculty Luncheons, exploring various topics including preserving academic integrity in online classes.
- Open Oregon State partnered with community colleges to work on **open educational resources** projects for lower-division, high-enrollment courses that transfer in the Associate of Arts Oregon Transfer (AAOT) degree.
- Ecampus partnered with the Career Development Center and the Alumni Office to secure \$556,799 in funding through the HECC for a multi-year position devoted to **online professional development events for OSU students**, particularly those learning at a distance.
- The Ecampus research unit secured \$39,403 in funding to study the relationship between **closed caption use and student learning outcomes** in the online environment and to conduct a national study on student use and perceptions of closed captions and institutional implementation of closed captions.

Goal 2: Demonstrate leadership in research, scholarship and creativity while enhancing preeminence in the three signature areas of distinction.

The division leads and contributes to impactful programs and efforts across foundational and signature areas.

Advancing the science of earth ecosystems.

- Oregon Sea Grant Extension's collaboration with Tottori University resulted in the first-ever documentation of the entire route that **Japanese tsunami debris** could take to cross the Pacific Ocean. Beach monitoring by citizens enabled researchers to identify more than 200 unique species arriving from Japan. As a result, public awareness of invasive species increased and attracted international news coverage.
- The **StreamWise program** provides interrelated solutions for three primary issues facing Bear Creek, a listed impaired waterway: nonpoint source pollution reduction, riparian restoration support, and student science and career exposure. Student involvement provides youth with career exposure and hands-on science experience. More than 2,345 individual contacts were made reaching 1,205 students with field, restoration and monitoring experiences. Adult and community outreach included workshops and trainings reaching 77 adults.
- Two years of detailed field studies in southwest Oregon measured the **water use** of six crops on two dominant soil types over 17 locations. The resulting data was incorporated into a water supply/demand model concurrently developed by the Bureau of Reclamation. The model was adopted by the three Rogue Valley irrigation districts giving them justification to reduce water deliveries by 17 percent overall without adversely affecting high-value crops such as pears. It also allowed them to better predict periods of high and low water demand.
- Farming in a period of climate change and drought was supported by a **dry farming demonstration** at the Oak Creek Center for Urban Horticulture. A [project webpage](#) assists in outreach and education. Articles on dry farming have been published throughout the region and a Dry Farming Field Day was attended by more than 100 farmers and gardeners.
- [The long-term ongoing paired watershed research study](#) in central Oregon provides critical information regarding vegetation and hydrology interactions in western juniper dominated landscapes.
- **Oregon Season Tracker** citizen science program is a partnership between OSU Extension, the HJ Andrews Long-term Ecological Research program and PRISM to develop collaborative climate change-related research and educational activities. The project is meant to generate data of interest to national and local teams studying ecology and climate change and strengthen the connections between researchers, educators, natural resource managers and the public. 57 unique phenology observers contributed over 12,000 observations in a two-year timeframe.

Improving human health and wellness.

- Oregon Sea Grant Extension partnered with health science researchers (CPPHS and National Institute of Occupational Safety and Health) to understand **non-fatal injuries in the West Coast Dungeness crab fishery** and collaborate with the industry to develop preventative measures. Injury prevention strategies will be tested in the 2016-2017 crab season.

Promoting innovation and economic prosperity.

- In response to the coast region's growing tourism industry and subsequent economic impact, and based on partnerships created with Travel Oregon and Wild Rivers Coast Alliance, a new Extension position will work with businesses, local governments, and citizens to provide regional coordination, applied research and expert training around **sustainable tourism development**.
- Extension partnered with the South Coast Development Council and Business Oregon to co-create the pilot phase for the first **Center for Entrepreneurship** on the Oregon Coast, which will be located in Coos Bay.
- In response to the importance of commercial fishing to the north coast, a new **north coast fisheries faculty** member is located in Astoria. The position will work with local marine resources and commercial fisheries and will support recreational fishermen, processors, and fisheries managers in an effort to help deepen understanding and communication between community and fishing industry and to address needs and concerns.
- Blueberry growers continue to face the challenges of **effective pest management** while also attempting to develop a pesticide spray program that will allow fruit shipment to foreign markets. A simple-to-use chart developed from degradation data was developed for grower use. The results of the study allow Oregon blueberry exporters to preserve and expand their export

markets without fear of an MRL violation and with an increase in profitability.

- Research efforts by Clive Kaiser, Extension horticulture faculty, resulted in a novel hydrophobic biofilm – SureSeal™ – that was patented by OSU. SureSeal was commercialized by Cultiva LLC and has been accepted by the marketplace as an effective tool for reducing fruit cracking in cherries and blueberries and mitigating sunburn in apples. The biofilm may generate about \$5 million dollars in local market sales per year.

Division initiatives help attract and retain high-quality faculty.

- 21 new **Extension faculty** positions were approved and are being filled as part of the \$14 million statewide investment by the Oregon legislature.
- The **Leadership Development Program for Executives (LDPE)** trained eight new division faculty and began a new cohort of 13. The LDPE is designed as a year-long leadership immersion program to provide a high-quality experiential learning environment.

The division continues to offer opportunities and activities that help build a culture of engagement across the university.

- More than 150 people attended the **Outreach and Engagement Colloquium** and related events in April. The theme was “celebrating and exploring the different pathways to community engagement.” The keynote speaker was Dr. Timothy K. Eatman, associate professor of higher education, Syracuse University, and co-director and director for research, *Imagining America: Artists and Scholars in Public Life*.
- **Vice Provost Awards for Excellence** were presented in 10 categories. A new Culture of Engagement award was presented for the first time to the College of Public Health and Human Sciences. The award recognizes a unit that made great strides toward building a culture of engagement.
- The **Engagement Academy** sponsored a university-wide team to develop a plan for digital engagement, which is set to launch in 2017.
- The **Roads Scholar Engagement Tour** provided 52 new faculty with hands-on knowledge and of culturally engaging and culturally appropriate tactics to work with communities and community members.
- The Ecampus Research Unit launched the “**Research in Action**” **podcast** to showcase the work of OSU researchers, increase research literacy, and build a researcher community.

The division continued partnerships that support the integration of arts, humanities and design into the university’s outreach and engagement mission.

- In partnership with the College of Liberal Arts, **Ecampus launched a new undergraduate degree and minor in French**. Twelve language sequences are also delivered online with more than 75 language and culture courses. Enrollment in those online course sequences increased 13 percent in 2015-16 (from 1,408 to 1,589).
- PACE partnered with the OSU Foundation, donors, a local elementary school and the OSU Music Department to offer the **OSU Chamber Music** camp for a fourth year. This program has helped educate almost 500 high-performing youth musicians across the state.
- Planned and executed the **Creative Coast** in partnership with five faculty from the College of Liberal Arts in Spring 2016. Creative Coast is a partnership across a number of arts and communications classes involving multiple trips to the Cape Perpetua area and interdisciplinary art projects based on the experience.
- Sponsored and directed the third annual **Corvallis Maker Fair** in April 2016 involving volunteers from across campus, and campus and community vendor demonstrations. Campus and community members attended. Led the OSU effort to join the national [Make Schools](#) consortium, a group of more than 150 higher education institutions committed to supporting a new generations of Americans who make.

Key awards and recognition for leadership, scholarship and creativity:

- The **Youth Advocates for Health (YA4-H!)** Teens as Teachers Program received the OSU Extension Association Team Award and the Malheur County YA4-H! Teens as Teachers Program was awarded a Community Commendation Flag by Senator Jeff Merkley.
- **Pat Corcoran**, coastal hazards Extension faculty expert, was one of two OSU faculty featured in the documentary “[Unprepared](#),” an Oregon Field Guide special that first aired in October 2015 on Oregon Public Broadcasting. The film was part of an integrated

radio, TV and online effort exploring our region’s vulnerability to earthquakes and tsunamis and was seen by over 250,000 people.

- The OSU Open Campus **Juntos** program and **4-H Tech Wizards** program received Bright Spot in Hispanic Education awards in recognition of OSU’s efforts to provide underserved Hispanic students with educational opportunities.
- **4-H Tech Wizards** is one of three evidence-based mentoring programs from across the nation selected for replication as part of a \$7 million grant from Office of Juvenile Justice and Delinquency Prevention to the National 4-H Council.
- OSU Extension Service is part of a three county steering committee that oversees **hazardous waste collection** events in the Columbia Basin. The committee won a statewide award and recognition for ingenuity, creativeness in blending radical differing philosophies and providing needed local service while protecting resources.
- Chosen from entries across the world, Oregon State Extension Services’ 4-H Youth Development Program, in partnership with Vernier Software & Technology, produced the winning science experiment – titled “Motion Commotion” – conducted worldwide in October 2015. As part of the **4-H National Youth Science Day**, youth across Oregon joined more than 70,000 youth across the world running the science experiment
- **Jeff Hino**, Extension and Experiment Station Communications learning technology leader, wrapped up a one-year extension fellowship on Internet of Things with a [full report](#).
- **Oregon State’s online degree program in fisheries and wildlife sciences** received the Outstanding Credit Program Award from the University Professional and Continuing Education Association (UPCEA) West Region in September.
- **Maurine Powell**, Assistant Director of Summer Session, was awarded the Distinguished Service Award, the highest honor of the Western Association of Summer Session Administrators.

Goal 3: Strengthen impact and reach throughout Oregon and beyond.

The division leads and contributes to key initiatives that drive economic development, social progress and community engagement.

Division initiatives and partnerships help drive economic development and advance shared goals.

- Co-created the new **Partners for Rural Innovation Center** with Tillamook Bay Community College (TBCC), which will jointly house OSU, TBCC, Economic and Small Business Development Center, and other partners. Construction will be complete in December 2016 of a joint facility to increase student success, degree completion, and community engagement.
- Oregon Sea Grant Extension organized and led tours of the Newport docks during which shoppers could buy direct from fishing vessels. Called “Shop the Dock,” shoppers received recipes and information about different types of seafood products and how to buy fresh seafood. During the tours, faculty talked about regulations, sustainability and fishing practices.
- Extension’s dairy product developer worked with three Oregon dairy companies to launch new products, which included flavored creamers, line extension of ice cream flavors, and a launch of an all-natural ice cream line without stabilizers and artificial sweeteners.
- Extension in Baker County collaborated with family forestland owners to create a forest products marketing cooperative. In its second year, it successfully completed its first sawlog volume commitment to a local sawmill. The cooperative was able to leverage the guaranteed log volume to secure much higher purchase prices from the sawmill, increasing the profitability for participating members.
- In partnership with the College of Business, Ecampus launched two new business analytics programs — an **MBA option and a graduate certificate** — to address the growing demand for professionals who possess deep business analytic skills.
- PACE launched a broad array of new professional programs in such topics as project management, six sigma lean, web development/coding, and more. New or strengthened partnerships include arrangements with the Society for Human Resources Management, Project Management Institute and others. An ongoing marketing and outreach agreement also enables PACE to reach industry-based OSU Alumni Association members through targeted messaging.

Division initiatives that drive social progress.

- To **increase access to healthy foods and stretch food budgets**, Extension worked with the Warms Springs Reservation to revive the OSU demonstration garden to full production and trained Native Americans to grow their own fruits and vegetables.

- The Linn and Benton County **Seed to Supper program**, offered in partnership with the Oregon Food Bank, provides free classes about food gardening on a budget. The class helps individuals to supplement their diets with homegrown vegetables and other produce.
- To reduce hunger and increase youth employability, Extension in Polk County created the **Dallas Youth Garden**. Teens gain valuable life and work while earning financial compensation by planning, planting, maintaining and harvesting produce from a 25'x50' market garden. They learn about crop production, plot research trials and track weekly garden productivity. Additionally, the teens made public presentations, practiced a positive work ethic, and gained greater awareness and empathy for the issue of hunger in their community. More than 7,500 pounds of fresh produce was produced and delivered to the local food bank.
- Most women staying at the Redemption House Ministries are escaping abusive relationships and have nowhere else to go. Many have children and few have experience cooking healthy food. Through the six-week **Cooking Matters program**, the women learned to shop on a budget, how to cook multi-course meals and about nutrition. The program is a partnership between Open Campus, Redemption House Ministries, the Presbyterian Church, and the High Desert Food & Farm Alliance in Crook County. At the end of the course, participants were given the opportunity to get a Food Handlers card; several of the women gained food service employment as a result.

Division initiatives that drive community engagement and build community capacity.

- The core of the **Inner City Youth Institute (ICYI) Natural Resource Camp** – a residential summer camp providing over 40 hours of programming – is an intentional, long-term youth development process for underrepresented, underserved teens and their younger peers. Participating youth ranged in age from 14 to 18. They learned to take responsibility for their actions, developed independence, learned constructive ways to express feelings and developed a sense of belonging.
- **Northwest Fire Science Consortium (NWFSC)** continues to expand its reach throughout Wash. and Ore., and is providing outreach to a variety of fire science users.
- Meetings involving more than 50 organizations representing all five Gorge counties were held to discuss the region's food insecurity. Spearheaded by Gorge Grown Food Network, the **Veggie Rx program** was developed in partnership with Extension, local medical providers, regional farmer's markets and grocery stores. Medical providers identify food insecure patients using two screening questions. When a patient screens "positive," the provider writes a "prescription" of ten \$2 scrips for their patient to use at local farmers markets or grocery stores. More than 20,000 prescriptions have been written for approximately 200 individuals. Much of the educational materials were developed using the FoodHero program and recipients are encouraged to participate in SNAP-Ed nutrition classes.
- The **Master Woodland Manager (MWM) program's** 61 volunteers reported 13,144 contacts through 19,086 hours of unique activities with the public, family forestland owners, youth, watershed councils, and various other organizations. Volunteers reported being able to better manage their 19,467 collective acres of forestland due to their MWM training.
- The **Oregon Master Naturalist Program (OMN)** had 74 people successfully complete the statewide online course, and 94 people completed one of five Ecoregion courses. In four years, 15,120 volunteer hours have been recorded and over 155,000 persons were reached through their activities.

Division initiatives that reach beyond Oregon

- PACE played a central role in developing the **Impact Statement Reporting course**, in partnership with the national eXtension organization. Due to OSU's leadership in online learning, eXtension sought OSU's involvement with this course, which is available to all eXtension member organizations.
- Summer Session partnered with OSU's Office of Global Opportunities to grant travel assistance funding to faculty to create new courses or programs with an out-of-country component for summer or intersessions. Grants were awarded to courses going to Canada and Greece.
- Oregon 4-H families hosted 31 youth delegates and three chaperones from Japan for a one-month exchange program. Two 4-H teens were selected to represent Oregon as **4-H International Ambassador** delegates, which provided them the opportunity to spend either 4 or 8 weeks in Japan. Oregon 4-H also hosted 2 delegates from Norway and 5 academic year students from South Korea, Japan, Moldova, and Kazakhstan.
- OSU's forage program is fundamental to Oregon's high ranking in quality forage produced and exported. David Hannaway, forage program manager and forage specialist, developed a **Chinese national curriculum for forage and livestock systems**,

modeling and mapping alfalfa varieties to appropriate areas in China, grassland/rangeland restoration research to match stocking rates to biological capacity of the land, and assisting faculty and students in their publication efforts in partnership with Nanjing Agricultural University.

- Along with colleagues from WSU and MSU, Extension in Wasco County wrote a **PNW intuitive cherry training system manual** that was published in English and Spanish. A book was written for Moldovan growers in Romanian. Extension also helped to successfully write grants to train growers in Chile and Turkey on the use of the systems and spoke about the systems to growers in Chile, Moldova, Germany, Italy and Australia.

Essential commitments

The Division of University Outreach and Engagement is committed to enhancing diversity and inclusion, demonstrating stewardship of resources and using technology as a strategic asset.

Diversity and inclusion

- Position descriptions of all current and new hires includes a commitment to supporting diversity, equity and inclusion in our work. Inclusion of a search advocate is standard practice for all searches. 180 division employees have gone through search advocate training; 70 have maintained search advocate status.
- Ecampus works with OSU Disability Access Services to ensure students receive appropriate accommodations within online courses, as well as in test-proctoring environments.
- Ecampus' Course Development and Training unit now closed-captions all video and lecture content created in the development of online courses and is studying the effects of captioned content in partnership with the Ecampus Research Unit.
- During the 2015-16 fiscal year, PACE was a key partner in planning a series of online diversity training modules for faculty, staff and students. We expect the modules to become available in the first half of the 2016-17 fiscal year.
- The 4-H Youth Development program has embarked on an **Inclusive 4-H Initiative** to expand the 4-H programs outreach to new and underserved populations. The initiative has added resources and training tools to help faculty engage more effectively in local communities with youth of disabilities, LGBTQ+ youth, youth of different cultures (particularly Latino), and youth facing mental health or stressful situations. The initiative is also addressing barriers in practices, policies, recruitment of faculty and volunteers, and marketing.

Strategic technology use

- OSU's participation in the Unizin consortium and development of the Learn@OregonState learning ecosystem supports learning—credit and noncredit—across the division.
 - Division representatives serve on the Learn@OregonState task forces and advisory committee, which is charged with successfully managing and advancing digital learning goals on campus.
 - Ecampus support and expertise was essential in helping OSU transition from Blackboard to Canvas, completed in winter 2016, a crucial step in creation of Learn@OregonState. Unizin institutions are building upon this successful experience in their own migrations.
- Ecampus conducted testing of various plagiarism prevention tools, culminating in the selection of Turnitin for use at OSU.
- Continued testing and phase two of the ProctorU student authentication system as it was further developed, which uses biometric keystroke recognition to authenticate students in the learning management system.
- PACE launched a successful initiative to integrate its online offerings with the university's Canvas learning management system, while also leading the effort to streamline registration for non-matriculating learners. As of Nov. 20, 2015, registrants may access the system with their choice of social login (e.g., Google, Yahoo, and Facebook, among others).
- Since launching digital badging in 2013, PACE has issued a total of 303 credentials. Based on badge holder shares on social media, we estimate a digital reach (i.e., visibility) of 44,658 for the various programs represented.
- Digital publishing and apps make OSU Extension's information accessible in multiple formats, and meet changing audience needs and preferences. Examples include: [Recognize the symptoms and causes of stunted growth in vineyards](#), [How to reduce bee poisoning from pesticides](#), and [Selecting, planting, and caring for a new tree](#).

University Outreach and Engagement – By the numbers

OSU Extension highlights:

- Serving 2.3 million Oregonians, including individuals and families across the age spectrum
- 13,000 trained volunteers contributed more than 1 million hours of service, building community capacity
- 21 Extension faculty made 39 international trips to 20 countries for conferences, meetings, presentations and trainings
- 66 Extension employees received 116 total awards: 3 Local, 63 State, 8 Regional, 41 National, and one International.

OSU Open Campus highlights:

- Four middle schools and four high schools added *Juntos* programming. *Juntos* and *Paxilashmisa* programs are in 15 locations distributed in eight counties, 14 high schools and nine middle schools.
- Open Campus worked with 273 degree-seeking students and 2,266 non-degree seeking learners.
- 685 student participants completed *Juntos* in Open Campus communities. 100 percent of eligible *Juntos* students graduated high school. Most went on to college or post-secondary education.
- 109 students were advised into the degree partnership students (DPP)

Extended Campus Enrollment highlights:

- In FY15, Ecampus and Summer Session distributed more than \$50.6 million directly to OSU colleges and academic units. This includes more than \$39.8 million in tuition funds; \$2.2 million in support for advising in colleges and departments; \$1.4 million for course and program development, assessment and improvement; \$35,000 for low enrollment support; and \$169,000 in research and professional development grants.
- Ecampus student credit hours rose 17 percent to 213,466. 19,097 students took at least one class online via Ecampus, a 9 percent increase from last year. Enrolled students represent all 50 states and more than 40 countries.
- Ecampus accounted for 11 percent of all of this year's OSU graduates; 692 distance students received their OSU diplomas in programs delivered online by Ecampus in 2015–2016.
- Ecampus partnered with 10 colleges and more than 600 faculty to deliver 20 undergraduate degree programs, 23 undergraduate minors and 27 graduate programs.
- Ecampus' post-**baccalaureate** in computer science continued to grow, with more than 1,093 new admits during this academic year; this is the single largest Ecampus degree program.
- Sixteen courses were Quality Matters (QM) certified, bringing the total to 38.

PACE highlights:

- PACE generated \$1.4 million in revenue in FY15-16, more than double the previous year's total. Of this total, more than \$345,000 was shared among our college and Extension partners.
- Overall, PACE courses (including third-party offerings from Ed2Go, and Legal Studies) had a total of 9063 enrollments. This was an increase of 147% from fiscal year 2015 (3672 registrations).
- The PACE course with the highest number of enrollments was the free Basic Botany course, which is part of the Master Gardener Short Course series. This course had a total of 4265 registrations for FY16, an increase of 256% compared to FY15 (1197 registrations).
- PACE highlights from fee-based courses include the following:
 - The two fee-based courses with highest enrollments in FY2016 included Contraceptive Education and Certification for the California Pharmacist (801) and Comprehensive Contraceptive Education and Training for the Prescribing Pharmacist (773).
 - The popular Permaculture Design Certificate online course saw 185 registrations for FY16 compared to 118 for FY15 (56.78% increase).
 - Master Gardener online short courses also saw strong growth: Soils and Compost had 184 registrations (206.67% increase compared to FY15) and Vegetable Gardening had 183 registrations (200.00% increase compared to FY15).
 - In May, Oregon State launched its first independent, massive open online course (MOOC). More than 15,800 learners worldwide enrolled in the free, four-week class – Intro to Permaculture – which aimed to help participants learn about and design sustainable landscapes and ecosystems. Instructor Andrew Millison from the College of Agricultural Sciences worked with a team of developers, designers and marketers from PACE, Open Oregon State, Ecampus and EESC to develop the popular course. The MOOC will be offered again this coming fall

SNAP-Ed Program highlights:

- \$1 in nutrition education saves as much as \$10 in long-term health care costs
- Low income Oregonians are 2.5 times more likely to be living with diabetes
- Oregon has become a national leader with fruit and vegetable intake, access to healthy food retailers, and farmer's market acceptance of nutrition assistance program benefits.
- Food Hero promoters are on the ground covering all 36 counties
- Direct education reach: 45,000 individuals (300,000 contacts)
- More than 700 volunteers trained to extend reach
- 46 site or community-based assessments of needs and gaps conducted
- More than 100 policy systems or environmental changes were made to improve access or appeal for healthy eating or physical activity
- Adult behaviors:
 - 56% increased vigorous physical activity
 - 35% increased vegetable consumption
 - 25% increased fruit consumption
 - 14% increased ability to manage food resources
- Youth behaviors:
 - 14% increased helping family prepare meals
 - 14% increased reading nutrition facts labels
 - 10% increased vigorous physical activity
 - 13% decreased screen time
- Food Hero
 - Social marketing reach: approximately 3,000,000 adults and youth
 - 1,098 classrooms (K-12) reached
 - 135 schools using Food Hero campaign materials
 - 985,433 visits to FoodHero.org, an increase of 36% from the previous year
 - 427 community events
 - 103 food pantries using Food Hero materials

EFNEP Program highlights:

- Reached 666 adult participants, with a total reach of 3,416 family members; reached 1,346 youth
- 86% of adults improved in food resource management practices
- 89% of adults improved in nutrition practices
- 73% of adults improved in food safety practices
- 52% of adults improved in food safety practices
- 52% of adults increased their daily physical activity
- 44% of adults ate more fruits or vegetables
- 85% of youth improved in diet quality
- 53% of youth improved in physical activity
- 56% of youth improved in food safety

Food Preservation Program highlights:

- Total Contacts: 41,468
- Master Food Preserver Programs are offered in 19 counties and Food Preservations classes are offered in eight additional counties
- 5,424 attended demonstrations
- 125 new volunteers were certified as Master Food Preservers and 271 were recertified
- Hours volunteered: 25,524
- 330 Ask an Expert questions were answered
- More than 6,600 food preservation and safety hotline questions were answered
- 1,759 walk-ins were received
- 2,091 pressure gauges were tested
- 9,202 farmers market contacts

4-H Youth Development highlights:

- Youth involved in clubs: 15,153
- Youth involved in school programs: 24,734
- 600 attended the Outreach Leadership Institute for Underserved Youth
- 1,604 attended KidSpirit
- 6,469 attended Sea Grant programs
- 3,649 youth were involved in 4-H camps (1,457 in overnight camps and 2,192 in day camps)
- 83% of 4-H youth are non-Hispanic, 17% are Hispanic, 57% are girls, 43% are boys
- 6,424 volunteer for 4-H, 925 of which are youth
- 37% live in towns with populations less than 10k; 30% live in towns with populations between 10k and 50k; 17 live on farms; 11% live in small cities with populations greater than 50k; and 5% live in a city suburb

Extension and Experiment Station Communications highlights:

- More than 7,000 printed educational Extension publications were distributed
- More than 100,000 publications were downloaded
- More than 875 active titles, including 93 new or revised titles
- 42 resources are in Spanish, 4 in Russian
- 6 apps, 6 ebooks, and a growing number of titles in other digital formats, such as small-size PDFs suitable for viewing on phones and mobile-friendly webpages
- 4,014 [OSU Extension Facebook](#) followers
- 3,543 [OSU Extension Twitter](#) followers
- 40 news releases and 52 gardening articles produced
- Two issues of Oregon's Ag Progress magazine produced (print, digital, online) produced with an estimated 7,000 subscribers

[Ask an Expert](#) highlights:

- 3,200 Ask the Expert questions were answered
- 50% of Ask an Expert users are first-time users of OSU Extension
- Oregon is one of the top five most active users of the service.
- 77 percent said their Ask an Expert question was very or critically important to them
- 78 percent said the answer very much or completely answered their question.
- 65 percent said they changed their behavior as a result of the answer to their question.
- Questions are direct to 130 OSU faculty experts and more than 30 master gardeners
- Standard is to have questions answered within 48 hours.

Oregon State University
Extended Campus
Annual Academic Program Review 2015-16

PART 1

	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	% Change '14 - '16
Faculty FTE															
Professorial	9.5	12.4	13.7	17.2	21.2	23.9	28.3	23.4	26.6	2.5	2.5	2.3	1.8	0.3	-87.0%
Non-Professorial	14.2	15.0	14.0	14.8	13.0	15.0	8.8	11.9	14.5	17.5	19.3	29.4	33.2	33.3	13.3%
Total Faculty FTE	23.7	27.4	27.7	32.0	34.2	38.9	37.1	35	41	20	22	32	35	34	6.0%
E&G Tenured/Tenure Track	0.0	0.0	0.3	0.4	0.1	0.3	0.3	0.5	0.3	0.0	0.0	0.0	0	0	-
Faculty Headcount															
Professorial	18	26	36	47	64	73	82	70	76	3	4	3	2	2	-33.3%
Non-Professorial	16	17	14	17	14	16	9	15	18	19	21	32	34	34	6.3%
Total Faculty Headcount	34	43	50	64	78	89	91	85	94	22	25	35	36	36	2.9%
E&G Tenured/Tenure Track															-
0% E&G Funded	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
1%-33% E&G Funded	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
34%-66% E&G Funded	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
67%-99% E&G Funded	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
100% E&G Funded	0	0	1	2	1	1	1	2	1	0	0	0	0	0	-
Total Tenured/Tenure Track	0	0	1	2	1	1	1	2	1	0	0	0	0	0	-

SCH (Academic Year)															
Undergraduate	16560	15948	22664	27244	30994	35519	43735	55347	68081	80114	99644	116502	136561	160349	37.6%
Lower Division	5470	6063	9180	11223	12571	14753	18605	24247	29149	33144	43668	51005	61883	72579	42.3%
Upper Division	11090	9885	13484	16021	18423	20766	25130	31100	38932	46970	55976	65497	74678	87770	34.0%
Graduate	3017	3502	3983	4234	3989	4418	5520	7030	7127	5991	6957	7220	7917	8613	19.3%
First Professional	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
Other	269	202	35	245	138	87	76	204	109	141	13	5	7	0	-100.0%
TOTAL SCH	19846	19652	26682	31723	35121	40024	49331	62581	75317	86246	106614	123727	144485	168962	36.6%

Fall Enrollment by Major															
Undergraduate	1185	1253	1357	2074	2252	2630	2925	3394	3955	4709	5742	6727	7693	8987	33.6%
Graduate	347	310	424	432	451	536	649	888	855	852	1007	1026	1164	1155	12.6%
First Professional	0	0	0	2	1	4	1	0	1	3	1	10	5	6	-40.0%
TOTAL Enrollment	1532	1563	1781	2508	2704	3170	3575	4282	4811	5564	6750	7763	8862	10148	30.7%

* No faculty FTE/headcount because there are no "home organizations" associated with Extended Campus.

** Continuing Education is counted as graduate enrollment.

Oregon State University
Extended Campus
 STRATEGIC PLANNING METRICS 2015-16

PART 1

	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
Goal 1. Provide a Transformative Educational Experience for all Learners.														
1.3 First Year Retention Rate (College/University)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
1.4 6-Year Graduation Rate (College/University)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
1.5 Junior Transfer 4-Year Graduation Rate (College/University)*	n/a	n/a	n/a	60.0/ 80.0	23.8/ 23.8	28.6/ 42.9	41.2/ 41.2	18.5/ 22.2	36.1/ 38.9	34.9/ 41.9	37.7/ 42.0	30.0/ 33.0	23.5/ 32.7	35.1/ 38.9
1.6 % US Minority Students	10.9%	11.6%	11.8%	12.7%	12.4%	14.1%	14.4%	14.9%	16.8%	17.6%	18.3%	19.5%	18.2%	22.3%
1.7 % International Students	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	2.0%	2.0%	3.0%	3.0%	4.0%	5.0%	5.5%	6.2%
1.8 % High Achieving Oregon High School Graduates	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Goal 3. Strengthen Oregon State's Impact and Reach throughout the state and beyond.														
3.2 Invention Disclosures	0	0	0	0	0	0	0	0	0	1	0	0	0	0

College Specific Metrics														
1.x.1 Student Credit Hours for Distance/Online in Summer Session	63631	67682	77143	82121	87756	10398	11863	15771	18800	21429	26156	29893	34465	38749
1.x.1 Student Credit Hours for Revenue in Summer Session						38711	37458	41159	44773	47995	50189	49304	48187	46838
1.x.1 Total Student Credit Hours for Summer Session						51094	51547	59384	66061	71794	78730	81678	85092	88079
1.x.2 Program Inventory-Undergrad & Grad	13	18	18	22	31	31	31	39	46	51	52	55	63	70
2.x.2 Course Satisfaction Rate	n/a	84.5	82.6	82.8	82.9	84.0	84.5	85.0	84.0	84.7	85.0	85	84.8	86

* 1.5 Junior Transfer 4-Year Graduation Rate is calculated based on the University Transfer Cohort and Primary Campus Code of DSC or DSB.

Oregon State University
Extended Campus
 Annual Academic Program Review 2015-16

PART 2

	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	% Change '14 - '16
Resources (Fiscal Year)															
E&G - Ending Budget (\$)	2,570,209	4,682,211	5,167,435	7,451,998	7,287,023	7,429,451	4,803,446	6,152,006	7,121,536	8,499,091	2,478,231	8,222,663	5,806,383	11,217,382	36.4%
Total R&D Expenditures (\$)	-	-	-	-	-	-	-	-	-	-	-	-	-	FEB 2017	-
Awards from Grants and Contracts* (#)	12	0	2	0	1	0	0	0	0	0	0	0	0	12	-
Awards from Grants and Contracts (\$)	134,177	0	20,000	0	19,681	0	0	0	0	0	0	0	0	4,894,813	-
Private Giving (\$)										514,368	431,530	7,100	16,565	49,388	595.6%

Strategic Planning Metrics 2015-16

	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
Goal 2. Demonstrate Leadership in Research, Scholarship and Creativity while enhancing preeminence in the three signature areas of distinction														
2.1 Total R&D Expenditures	see APR data above													
Goal 3. Strengthen Oregon State's Impact and Reach throughout the state and beyond.														
3.5 Annual Private Giving	see APR data above													

* From 2000-01 to 2007-08, the number of grant/contract awards is based on the accounting transactions from the College's award index, rather than the actual number of awards received by the college.

Oregon State University
Extended Campus*
 Annual Academic Program Review 2015-16

PART 3

	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	% Change '14 - '16
Degrees (academic year)															
Bachelor	-	-	-	28	55	75	105	132	132	200	254	356	467	570	60.1%
Master	-	-	-	19	29	25	31	63	103	69	55	65	77	67	3.1%
Doctorate	-	-	-	0	0	11	8	9	10	20	23	15	24	25	66.7%
First Professional	-	-	-	0	0	0	0	0	0	0	0	0	0	0	-
Total Degrees	0	0	0	47	83	111	144	204	245	292	333	436	568	662	51.8%

* These are duplicate counts to those reported in the college the degree was actually earned.

Strategic Planning Metrics 2015-16

	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
Goal 1. Provide a Transformative Educational Experience for all Learners.														
1.1 Degrees Awarded-Total	see APR data above													
Goal 2. Demonstrate Leadership in Research, Scholarship and Creativity while enhancing preeminence in the three signature areas of distinction														
2.3 PhD's Awarded	see APR data above													
College Specific Metrics														
2.x.1 Average Time to Degree Completion (years) ¹	-	-	-	2.2	2.3	2.4	2.4	2.3	2.7	2.6	2.6	2.9	2.8	2.8

1. Time to degree is computed from first term as degree seeking undergrad with a primary campus code of DSC (Ecampus). Post-bacs are not included in this computation. Time is elapsed years not enrolled quarters.

Oregon State University
Summer Session
 Annual Academic Program Review 2015-16

PART 1

	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	% Change '14 - '16
Faculty FTE															
Professorial	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-Professorial	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Faculty FTE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E&G Tenured/Tenure Track	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Faculty Headcount															
Professorial	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-Professorial	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Faculty Headcount	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E&G Tenured/Tenure Track	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SCH (Academic Year)															
Undergraduate	35384	37692	41385	41953	39404	39575	40773	48699	54289	60285	67130	70441	74832	78693	11.7%
Lower Division	16904	17964	19029	19336	18063	18192	19468	24688	27591	30795	34506	35167	36487	39165	11.4%
Upper Division	18480	19728	22356	22617	21341	21383	21305	24011	26698	29490	32624	35274	38345	39528	12.1%
Graduate	8505	7694	8100	10165	10591	9737	8705	8518	9522	9388	9445	9137	8287	7270	-20.4%
First Professional	1722	1834	1846	2144	1853	1634	1893	2019	2029	2035	1954	2089	1973	2116	1.3%
Other	381	234	298	181	127	148	176	148	170	86	201	11	0	0	-100.0%
TOTAL SCH	45992	47454	51629	54443	51975	51094	51547	59384	66010	71794	78730	81678	85092	88079	7.8%

Fall Enrollment by Major															
Undergraduate	4411	4341	4881	4910	4858	4922	5236	5897	6789	8303	8511	8889	9577	10399	17.0%
Graduate	948	1367	1444	1795	1881	1817	1712	1788	1855	1856	1828	1841	1902	1853	0.7%
First Professional	95	111	112	144	149	127	152	147	155	155	153	181	160	166	-8.3%
TOTAL Enrollment	5454	5819	6437	6849	6888	6866	7100	7832	8799	10314	10492	10911	11639	12418	13.8%

Oregon State University
Summer Sessions
Annual Academic Program Review 2015-16

PART 2

	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	% Change '14 - '16
Resources (Fiscal Year)															
E&G - Ending Budget (\$)	1,805,115	2,125,414	2,791,074	3,016,417	1,645,585	1,899,331	431,327	332,856	752,958	179,081	1,321,156	947,802	1,901,142	679,096	-28.4%
Total R&D Expenditures (\$)	-	-	-	-	-	-	-	-	-	-	-	-	-	FEB 2017	-
Awards from Grants and Contracts* (#)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
Awards from Grants and Contracts (\$)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
Private Giving (\$)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-

Strategic Planning Metrics 2015-16

	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
Goal 2. Demonstrate Leadership in Research, Scholarship and Creativity while enhancing preeminence in the three signature areas of distinction														
2.1 Total R&D Expenditures	see APR data above													
Goal 3. Strengthen Oregon State's Impact and Reach throughout the state and beyond.														
3.5 Annual Private Giving	see APR data above													

* From 2000-01 to 2007-08, the number of grant/contract awards is based on the accounting transactions from the College's award index, rather than the actual number of awards received by the college.

Oregon State University
Statewide Performance Indicators
 Statewide Public Services
Extension Service:
FY 1996-97 to FY 2015-16

Fiscal Year	State Resource Expenditures	All Other Expenditures	Other/State Ratio
FY 1997	\$13,856,141	\$11,261,151	0.81
FY 1998	\$14,899,386	\$10,391,007	0.70
FY 1999	\$15,853,679	\$11,887,702	0.75
FY 2000	\$18,023,764	\$12,272,945	0.68
FY 2001	\$18,325,564	\$15,954,704	0.87
FY 2002	\$17,911,438	\$16,656,079	0.93
FY 2003	\$17,422,891	\$15,044,898	0.86
FY 2004	\$18,561,321	\$11,408,971	0.61
FY 2005	\$16,037,870	\$15,581,665	0.97
FY 2006	\$19,336,636	\$14,215,381	0.74
FY 2007	\$20,076,088	\$14,936,915	0.74
FY 2008	\$21,746,832	\$14,662,333	0.67
FY 2009	\$20,895,548	\$19,489,256	0.93
FY 2010	\$21,161,731	\$16,231,030	0.77
FY 2011	\$17,925,823	\$18,635,181	1.04
FY 2012	\$18,357,067	\$17,109,615	0.93
FY2013	\$19,106,335	\$17,036,464	0.89
FY2014	\$19,555,668	\$17,176,894	0.88
FY2015	\$20,353,858	\$19,584,965	0.96
FY2016	\$22,344,755	\$18,374,564	0.82

Source: OSU Extension Service; Tiffany Gillis (August 2016)