

Annual Report on External Grants

July 1, 2017 – June 30, 2018

Central Washington University's
Research & Sponsored Programs Office

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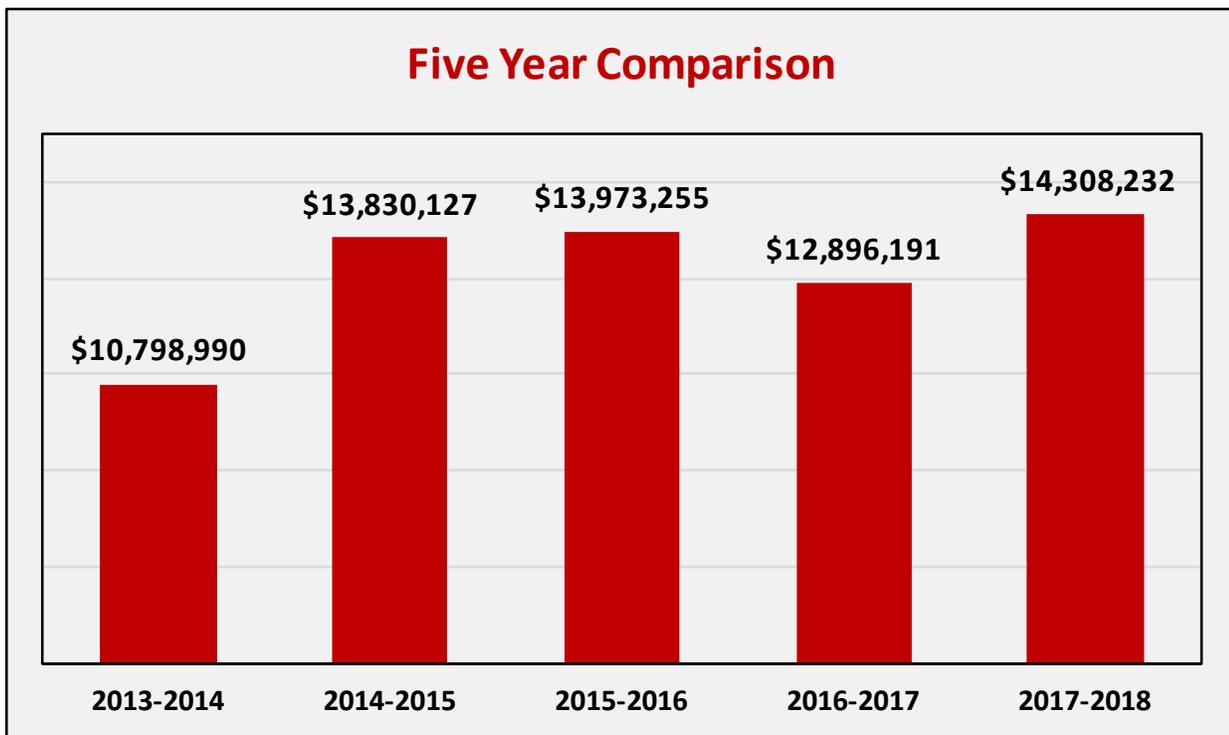


Total External Grant Submissions for FY 2018

Grants awarded during Fiscal Year (FY) 2018 totaled \$14,308,232. (Note: Only one year of funding is included for those grants that are multi-year awards.)

As a point of reference, Western Washington University's grant award total for FY 2017 was \$9,782,205 and Eastern Washington University's grant award total for FY 2017 was between \$12 and \$13 million, despite both institutions having a significantly larger number of sponsored programs staff.

Central Washington University's total grant award amount for FY 2018 was 10.95% greater than last year's award amount. The five-year comparison is provided in the table below.



Submissions

There were **68** faculty and staff who submitted proposals this year (compared to 62 last year).

of proposals *submitted* = **104**

of grants *awarded* = **69**

of proposals *unfunded* = **16**

of proposals *still pending* = **19**

Largest Grants in FY 2018

The five largest grants in FY 2018 totaled \$6,654,464¹. All five provide support to various groups of students in the region. Three of the five largest grants (GEAR UP and HEP) are overseen by Student Development and Achievement under the Dean of Student Success.

Tracy Plouse, CWU’s GEAR UP Project Director, received two grants from the Department of Education: a \$2,593,600 grant (Year 4 of a 7-year award) for “Project SOAR2” and a **\$1,632,000 grant** (Year 7 of a 7-year award) for “Project MOSAIC2.” Both grants support STEM-focused collaborative partnerships with middle and high schools in rural districts in North Central Washington. SOAR2 serves 3,300 students in 11 districts, and MOSAIC2 serves 2,200 students in 9 districts. The aim of GEAR UP is to increase the number of low-income students who enter and succeed in postsecondary education by building a postsecondary-ready culture in schools.

Both GEAR UP programs offer postsecondary preparation workshops, field trips to postsecondary institutions, residential STEM camps at CWU, career exploration, after-school enrichment and tutoring programs, access to technology, and community service and leadership opportunities. They also seek to increase parent involvement, provide professional development for teachers, encourage community involvement, and collaborate with school staff.

Ramon Cardenas, CWU’s HEP Project Director, received a \$474,965 grant (Year 3 of a 5-year award) from the Department of Education. HEP (High School Equivalency Program) helps migrant and seasonal farmworkers and their family members earn a GED, the equivalent of a high school diploma. Participants receive free testing to determine what course work they need. They then receive free tutoring and weekly classes from bilingual instructors until they pass the GED. They are also taught computer skills. HEP helps participants consider career options and where to find more training, as well as assisting them with applying to colleges and vocational schools.

Nicki Kukar in the Office of International Studies and Programs received a \$1,368,813 grant from Asia University. The Asia University America Program (AUAP) is in its 29th year at CWU and has brought over 3,500 students from Asia University in Tokyo, Japan, to study at CWU for five months. Students enroll in English as a Second Language, American Studies, and other courses related to their majors. An important focus of their stay is interacting with Americans on campus and in the community.

Jennifer Dechaine in the College of the Sciences received a \$585,086 grant (Year 2 of a 3-year award) from Washington State Opportunity Scholarship (WSOS) for “CWU Teach STEM,” an innovative undergraduate STEM teacher preparation program co-delivered by the College of the Sciences and the College of Education and Professional Studies. This program allows students to earn both a STEM degree and a teaching certification in the same amount of time—even if they start teacher certification as late as their junior year. CWU’s program also offers paid internships to reduce students’ financial burden while gaining meaningful work experience. CWU is one of the first universities in Washington State to offer students a computer science teaching endorsement as a part of this grant-funded program.

¹ Only one year of funding is listed—and included in this total—for those grants that are multi-year awards.

Distribution of Proposals by Division

We are proud of all the faculty and staff from across campus who submitted proposals during this fiscal year. Whether a grant was funded or not, we appreciate the time and energy they dedicated to preparing thoughtful proposals that sought to enhance the quality of the educational experiences of our students, the professional development of our faculty and staff, and the academic reputation and resources of CWU through external grants.

The chart below shows the number of proposals submitted by the various units on campus during FY 2018.

Division	# Awarded	# Declined	# Pending	Total # Submitted
Brooks Library	1	0	0	1
College of Arts & Humanities	2	3	0	5
College of Business	1	0	0	1
College of Education & Professional Studies	7	1	5	13
College of the Sciences	37	9	13	59
International Studies & Programs	4	0	0	4
School of Graduate Studies & Research	4	0	0	4
Student Success	7	0	1	8
Other	6	3	0	9
TOTAL	69	16	19	104

CWU's Mission and Core Themes

The Research and Sponsored Programs office actively strives to support Central Washington University's tripartite Mission Statement and the Core Themes of its Strategic Plan through grant-seeking. This section features several current grants that illustrate how grant-funded projects connect with our shared institutional vision. These examples were also chosen to highlight each of the colleges and their active participation in grant-seeking. Although most of these grants are smaller in dollar-size, they nevertheless are significant because they make a big impact at CWU and beyond.

Core Theme #1: Teaching and Learning

This Core Theme focuses on providing students diverse, distinctive curricular, co-curricular, and extra-curricular programs. It relates to the first component of CWU's Mission Statement: *"to prepare students for enlightened, responsible, and productive lives."*

William Provaznik in the College of Business was awarded a \$222,740 grant (Year 1 of a 3-year award²) from the Herbert Jones Foundation for "Establishing an Entrepreneurship Major and Expanding the Entrepreneurship Minor in the CWU College of Business." A distinguishing feature of the entrepreneurship program is that students are strongly mentored through a developmental process that will lead to successful entrepreneurship. This program also encourages students from multiple disciplines at CWU to become business owners, with a particular emphasis on students from backgrounds not typically represented in other entrepreneurship programs in Washington State.

Brandy Wieggers and Sooi-Hoe Loke in the College of the Sciences were awarded a \$29,671 grant from the Mathematical Association of America's National Research Experience for Undergraduates Program (NREUP) for an immersive summer research experience for students. This grant supported six undergraduate math students who identified from groups underrepresented in mathematics to work for seven weeks on epidemiology and biological population modeling research projects. This program is the first to utilize the successful Math Circle outreach model to train undergraduates in mathematical problem-solving habits of mind. One of its long-term aims is to support students to help broaden and diversify the community of professional mathematicians.

Core Theme #2: Inclusiveness and Diversity

This Core Theme expresses CWU's strong commitment to a diverse working, learning, and living environment for all students, staff, and faculty.

Grace Blum, Eric Hougan, and Keith Reyes in the College of Education and Professional Studies were awarded a \$9,968 Pilot to Policy grant (Year 1 of a 2-year award²) from the Professional Educators Standards Board for advancing equity. They will seek to identify the challenges teachers of color face through a statewide listening tour of current students of color in our "Grow Your Own" partnerships;

² Only one year of funding is included for multi-year grants.

current CWU teacher candidates of color; and recent CWU alumni of color of our various teacher education programs. They will analyze current School of Education support of racial equity and, based on the findings, propose and implement an equity vision and action plan.

Michelle Hill of the Early Childhood Learning Center was awarded a \$30,000 grant from the Washington Student Achievement Council for an Affordable Childcare Program for Students. Student parents at CWU face multiple challenges in finding affordable childcare. This program seeks to provide access to childcare alternatives for student parents.

Core Theme #3: Scholarship and Creative Expression

This Core Theme emphasizes the full spectrum of scholarship, including but not limited to basic and applied research, creative expression in all its forms, and the scholarship of teaching and learning. This Core Theme relates to the second component of CWU's Mission Statement: *"to produce research, scholarship, and creative expression in the public interest."*

Rodrigo Renteria-Valencia in the College of the Sciences was awarded an \$11,580 grant from Humanities Washington for the project "Tradition Bearers of Yakima Valley," to be conducted in collaboration with Humanities Washington and the new Center for Washington Cultural Traditions. This program will identify, through ethnographic fieldwork, tradition bearers—those whose art or craft is representative of their community or region—and work with them to produce digital media, public programming, and a number of cultural events.

Craig Johnson in the College of Education and Professional Studies was awarded a \$5,000 grant from the Joint Center for Aerospace Technology Innovation and the University of Washington for devising and testing a prototype recycle processor for commercial aircraft wing trimmings. Existing production methods result in tons of composite trimmings; this device will reduce the cost of disposing of these trimmings and reduce the waste going into landfills.

Core Theme #4: Public Service and Community Engagement

This Core Theme affirms CWU's commitment, as a publicly funded institution, to engage with external partnerships and to contribute to the educational, social, and economic progress of the wider community, especially within the state of Washington. This Core Theme relates to the third component of CWU's Mission Statement: *"to serve as a resource to the region and the state through effective stewardship of university resources."*

Bobby Cummings in the College of the Arts and Humanities was awarded a \$78,000 grant (Year 2 of a 4-year award³) from the National Writing Project for the Central Washington Writing Project. This project partners with two school districts to administer high quality professional development to help teachers prepare students in grades 4 through 10 to read critically, explore multiple points of view, and write source-based arguments.

³ Only one year of funding is included for multi-year grants.

Gerard Hogan in Brooks Library was awarded a \$6,490 grant from the National Endowment for the Humanities for The Big Read program to host multiple community events centered on the themes of a single book. The award-winning novel selected (*To Live*, by Yu Hua) was initially banned in China but is now considered one of China's most influential novels. Program events include a visit by Michael Berry (the translator of *To Live*) and book discussions at various venues, a faculty panel presentation, a Chinese cultural exhibit, and a film series.

Faculty & Staff Grants Training Provided in FY 2018

In addition to helping faculty and staff prepare proposals and manage funded projects, the office of Research and Sponsored Programs also offered regular training opportunities throughout the year:

Fall Quarter 2017

- Individual meetings with new faculty members to discuss RSP services, support, and faculty research interests
- Compliance Awareness training session
- Managing Awards training session

Winter Quarter 2018

- Introduction to Grant Writing webinar
- Developing a Budget & Budget Narrative webinar
- Applying to the NSF webinar

Spring Quarter 2018

- Foundation Grant-Seeking webinar
- Developing Proposal Aims & Objectives webinar
- Essentials of Competitive Proposals webinar
- Managing Awards training session