



Select Competitive Grants Awarded to EvCC 2010-2021: Executive Summary by Pathway

Institution-wide:

- **TRiO SSS** (Department of Education; 2015-20 and 2020-25) Provides wraparound student support services for low-income, first-generation, and/or disabled students. \$1.1M over 5 years.
- **Student Emergency Assistance Grant (SEAG)** (SBCTC, 2021-23) Provides low-barrier emergency assistance grants to students in need. \$400K over 2 years (\$200K/year).
- **Guided Pathways** (College Spark Washington, 2016-21) Supports development and implementation of Guided Pathways at EvCC. \$500K over five years (\$100K/year).
- **Child Care Access Means Parents In School (CCAMPIS)** (Department of Education, 2018-22) Provides childcare subsidies and wraparound support to low-income, student-parents to improve retention and completion. ~\$250K over 4 years (~\$64K/year)
- **Suicide Prevention at EvCC** (Washington State Achievement Council, 2019) Strengthened referral systems to mental health providers, reduced the student to counselor ratio on-campus, and provided suicide awareness trainings. \$60K for one year.
- **Title III Strengthening Institutions Program** (Department of Education, 2012-17) Expanded BRIDGES Center vocational English support, established a faculty peer-mentoring program and increased faculty development initiatives, developed College 101 student success course, and provided endowment matching funds for student scholarships. \$1.78M over five years (\$357K/year).

Manufacturing and Aerospace:

- **Building Equity in Aerospace Training (BEAT)** (National Science Foundation (NSF), Advanced Technological Education (ATE), 2019-22) Supports secondary and post-secondary educators to use equity-based teaching strategies and understand aerospace-related high demand career fields to encourage and support girls to begin and persist in the aerospace education to career pathway. Led by EvCC, partners include Everett, Mukilteo, and Marysville School Districts and the National Girls Collaborative Project. \$412K over three years.
- **Aircraft Mechanic Capacity Building** (SBCTC 1000 FTEs Redistribution, 2018 – Ongoing) Funding to support the growth of the Aircraft Maintenance Technician (AMT) program and to integrate avionics training into the AMT pathway. \$440K annually.
- **Mechatronics Washington (MechaWA)** (Department of Labor TechHire, 2016-20). Increased the WA state mechatronics workforce through new and realigned curriculum, additional training equipment, an “earn and learn” education/training approach, and intensive student support focused on students ages 17-29. Partners included Renton Technical College, North Seattle College, Shoreline Community College, South Seattle College, and Workforce Snohomish. \$3.9 million over 4 years.
- **Avionics Technician Statewide Workforce Capacity Building** (2017-18) Supported Statewide Capacity Building for Avionics. \$500K; 1 year.
- **Washington Integrated Sector Employment (WISE)** (DOL, TAA-CCCT Round 4, 2014-18) This statewide project brought together the clean energy, advanced manufacturing and construction sectors to prepare participants for employment in entry level, pre-apprenticeship and apprenticeship occupations including a process for assigning credit for prior learning. EvCC received \$1.4M over 4 years (\$350K/year).

- **Air Washington** (DOL, TAA-CCCT Round 1, 2011-15) Partnered with Spokane Community College to expand aerospace-related Advanced Manufacturing training and jobs placement. EvCC served 950 students, including 118 veterans, 82 women, and 18 students with disabilities. \$3.3M over five years (\$660K/year).
- **Advanced Technological Education for Aerospace & Advanced Manufacturing (ATEAAM)** (NSF, ATE, 2011-14) Created integrated manufacturing life-cycle curriculum; purchased equipment for EvCC's Advanced Manufacturing Training and Education Center (AMTEC); placed a Career Coach in local high schools to recruit underrepresented students into Advanced Manufacturing and other STEM fields. \$888K over 3 years (\$296K/year).
- **Snohomish County Advanced Manufacturing Project (SnoCAMP)** (NSF, ATE, 2011-14) Expanded the Snohomish School District pipeline into EvCC's advanced manufacturing programs by modifying curricular materials to increase Core+ and National Career Readiness Certification for high school students, supporting a statewide framework to offer STEM credit for advanced manufacturing courses, and providing professional development for K12 teachers. \$880K over three years (\$293K/year).

STEM and Health Professions:

- **S-STEM** (National Science Foundation; 2017-21 and 2021-26) Provides scholarships and other interventions to low-income, academically talented students in STEM fields. \$1.5M over five years (\$250K/year).
- **TRIO SSS STEM** (Department of Education; 2015-20 and 2020-25) Provides wraparound student support services for low-income, first-generation, and/or disabled students. \$1.1M over 5 years.
- **Ocean Research College Academy. Engaging Community College Students in Undergraduate Research** (NSF, Improving Undergraduate STEM Education: Pathways into Geoscience (IUSE: GEOPATHS), 2018-22) Hypothesizes that targeted, oceanographic research experiences with private and governmental collaborators during the summer coupled with an intentional focus on relationship building over an entire year will increase the number of high school seniors professing an interest in pursuing a geoscience major. ~\$330K over three years.
- **Mathematics, Engineering, and Science Achievement** (SBCTC, 2017 – Ongoing) Supports the implementation of a MESA Student Center designed to provide academic and support services for under-represented STEM transfer students. \$125K annually.
- **Advancing Healthcare Simulation Laboratories** (SBCTC, 2018-19) Supported capacity building in healthcare simulation laboratories for the addition of an evening nursing cohort. \$150K; 1 year.
- **Developmental Math for Guided Pathways** (College Spark Washington, 2017-20) Supported faculty-led work to increase the percentage of students completing their first college-level math course within one year of enrollment by shortening the developmental math sequence through curricular redesign, integration of new pedagogy, and development of open educational resources. \$123K over 3 years.
- **Innovation to Creating Access to Careers in Healthcare (I-CATCH)** (Department of Health & Human Services Health Profession Opportunity Grants, 2015-20) Expansion of 2010-2014 CATCH grant partnership grant with Edmonds Community College that provided additional support to TANF-eligible and ELL students in online and hybrid allied health pathways. ~\$500K annually for five years (annual subcontract).
- **Ocean Research College Academy. Marine Laboratory & Research Vessel** (NSF, Directorate for Biological Sciences, 2011-14 & 2013) Supported Ocean Research College Academy (ORCA) lab upgrade: \$500K over 4 years (\$125K/year); and purchase of a research vessel: \$229K.
- **Healthcare Education to Career Opportunities (HECO)** (DOL, Community Based Jobs Training Grants, 2011-13) Led by EvCC, this project expanded nursing and allied health programs at 5 consortium colleges, purchased industry-standard equipment, and created BRIDGES Center for vocational English training in healthcare fields. 930 students served at EvCC; 73% of students were employed within one quarter of program completion. \$2.35M over 3 years (\$783K/year).

Humanities:

- **NEH CARES** (National Endowment for the Humanities - NEH, 2020) Center for Transformative Teaching and eLearning will collaborate with faculty to develop templates for high-enrollment Humanities courses using Open Educational Resources (OER). \$300,000 over 6 months.
- **Collective Memory and the Transformative Power of the Humanities** (NEH, Community College Initiatives, 2017-20) EvCC faculty (6-8) participated in discussion and lectures with invited experts resulting in interdisciplinary learning units focused on how the humanities shape collective memory, trauma and national identity incorporated into existing courses. \$90K; 3 years.
- **Japanese Language Fluency for Undergraduates** (Department of Education, Undergraduate International Studies and Foreign Language Program, 2015-17) Developed hybrid Japanese instruction model combined with internships in Japan to strengthen student retention in Japanese instruction and increase long term language fluency. \$86K over two years.

Business and Applied Technology:

- **Information Technology Program Endorsement** (SBCTC, 2020-2023) Program endorsed for three (3) years meeting requirements of paid work-based learning, valuable credential (2-year degree), and industry-aligned classroom learning.
 - **IT FTE** (SBCTC, 2020 – Ongoing) Funding to support IT 2-year program to grow 20 FTE. Includes curriculum development and redesign, cybersecurity competitions, increasing paid internships, full-scale marketing, and meaningful retention and recruitment tactics. \$160,000 annually.
 - **IT Capital Equipment** (SBCTC, 2020-21) Purchased capital equipment for IT endorsed program. Industrial Control Systems (ICS) Training Wall Expansion enhances capabilities to offer hands-on training and real-world simulations. Additional equipment enhances the ability to offer remote coursework. ~\$1.1M.
- **Native American Career and Technical Education Program (NACTEP)**
 - **Tulalip Information Technology Program** (Department of Education, NACTEP, 2018-21) Led by Tulalip Tribes, EvCC provides IT coursework on the Tulalip Reservation to complete EvCC's Computer Support Specialist and Systems Administrator certificates while earning industry recognized credentials. ~\$700K over three years.
 - **Certificate in Tribal Business Technology** (Department of Education, NACTEP, 2013-18) Over 120 students completed courses at the Tulalip Tribes for hospitality, retail jobs. ~\$1M over 4 years (~\$250K/year).