



## Selected Grants Awarded to EvCC 2010-2019: Executive Summary

**Building Equity in Aerospace Training (BEAT)** (National Science Foundation, Advanced Technological Education, 2019-22) Supports secondary and post-secondary educators to use equity-based teaching strategies in the classroom 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 Public Schools, Mukilteo School District, Marysville School District and National Girls Collaborative Project. \$412K over three years.

**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)

**Engaging Community College Students in Undergraduate Research (ECCSUR)** (National Science Foundation, Improving Undergraduate STEM Education: Pathways into Geoscience (IUSE: GEOPATHS), 2018-21) Seeks to test the hypothesis 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 .

**S-STEM** (National Science Foundation, 2017-21) Provides scholarships and other interventions to low-income, academically talented students in STEM fields. \$650K over four years (\$162.5K/year).

**Guided Pathways** (College Spark Washington, 2016-21) Supports development and implementation of EvCC's Guided Pathways project. \$500K over five years (\$100K/year).

**Tulalip Information Technology Program** (Department of Education, Native American Career and Technical Education Program (NACTEP), 2018-21) Led by Tulalip Tribes, EvCC subcontracts to provide 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.

**Collective Memory and the Transformative Power of the Humanities** (National Endowment for the Humanities, Community College Initiatives, 2017-20) Supports 6-8 of EvCC's faculty to participation in lectures and discussions with invited experts that will result in the development and integration of interdisciplinary learning units focused on how the humanities shape collective memory, trauma and national identity into existing courses. \$90,285 over 3 years.

**Mechatronics Washington (MechaWA)** (Department of Labor TechHire Program, 2016-20) Led by the Center of Excellence for Aerospace & Advanced Manufacturing at EvCC, this project seeks to address constraints to building the mechatronics workforce including: acquisition of new lab equipment, development and implementation of modularized, competency-based teaching strategies that support an "earn and learn" approach to education and training for employment, and intensive student support efforts aimed at retaining young adults ages 17-29. Partners include Everett Community College, Renton Technical College, North Seattle College, Shoreline Community College, South Seattle College, and Workforce Snohomish. (\$3.9 million over 4 years)

**Developmental Math for Guided Pathways** (College Spark Washington, 2017-20) Supports faculty-led work to increase the percentage of students completing their first college-level math course within one year of enrollment. Funding is focused on 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 partnership grant with Edmonds Community College to provide additional support to TANF-eligible and ELL students in online and hybrid allied health pathways. ~\$500K annually for five years (annual subcontract).

**TRiO SSS (Regular and STEM)** (Department of Education, 2015-20) Provides wraparound student support services for low-income, first-generation, and/or disabled students. \$1.1M Regular TRiO over 5 years (\$220K/year); and \$1.1M for STEM TRiO for 5 years (\$220K/year).

**Suicide Prevention at EvCC** (Washington State Achievement Council, 2019) Increases capacity to serve those at risk for suicide by strengthening referral systems to mental health providers, lessening the student to counselor ratio on-campus, and increasing suicide awareness across campus through LEARN and Veterans Peer Corp trainings. \$60K for one year.

**Training the Next Generation of Researchers** (Rose Foundation, 2017-19) Funding for water quality sampling equipment to support GEOG 205 course and students' field work. (\$21K over two years).

**Certificate in Tribal Business Technology** (Department of Education, Native American Career and Technical Education Program (NACTEP), 2013-18) Over 120 students completed courses at the Tulalip Tribes for hospitality, retail jobs. ~\$1M over 4 years (~\$250K/year).

**Washington Integrated Sector Employment (WISE)** (DOL, TAA-CCCT Round 4, 2014-18) Establishes process for assigning credit for prior learning, skills and interests of dislocated workers, veterans and spouses, women and minorities to leverage pre-existing qualifications, identify effective program options and levels, and position participants to achieve efficient, positive training outcomes and career success in advanced manufacturing. \$1.4M over 4 years (\$350K/year).

**Japanese Language Fluency for Undergraduates** (Department of Education, Undergraduate International Studies and Foreign Language Program, 2015-17) Develop 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.

**VISTA** (Washington Campus Compact/Corporation for National and Community Service, 2015-17) Members build capacity for EvCC community partners for "Pathways from Community to College to Career" project. Diversity & Equity Center manages member placement. \$24K/year with \$8K/year match by EvCC.

**Improving Undergraduate STEM Education: Vision & Change Certification Program Pilot** (National Science Foundation, 2013-17) Pilots a certification program and tests a set of rubrics developed so that life sciences departments can evaluate their progress in adopting Partnership for Undergraduate Life Science Education (PULSE) recommendations designed to increase student learning of core concepts, increase student retention in the sciences, and prepare all students to be more curious and scientifically literate citizens. \$99.5K over 3 years, plus 1-year no-cost extension (\$33K/yr).

**Innovations for Retention and Success** (Department of Education, Title III Strengthening Institutions Program, 2012-17) Expanded BRIDGES Center vocational English support for Advanced Manufacturing, established a faculty peer-mentoring program and increased faculty development initiatives, developed first quarter College 101 course to improve student success, and provided endowment matching funds to support student scholarships. \$1.78M over five years (\$357K/year).

**AmeriCorps: College Access Corps** (Washington Campus Compact/Corporation for National and Community Service, 2011-17) Supports college awareness, access for middle-, high-school students. Diversity & Equity Center manages year-long CAC member placements. \$24K/year with \$8K/year match by EvCC per member for three members.

**How Student Learning Impacts Student Success in Math** (College Spark Washington, 2015-16) Supports curricular interventions to improve rate of students passing required Math. \$25K for two years.

**Air Washington** (Department of Labor, TAA-CCCT Round 1, 2011-15) Partnership grant with Spokane Community College to expanded aerospace-related Advanced Manufacturing training and jobs placement at 11 consortium colleges, serving + 4,700 students, with 72% of completers gaining employment. 950 students were served at EvCC, 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)** (National Science Foundation, Advanced Technological Education, 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)** (National Science Foundation, Advanced Technological Education, 2011-14) Expanded the Snohomish School District pipeline into EvCC's advanced manufacturing programs by: modifying curricular materials to increase Core+ Certification 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).

**Marine Laboratory & Research Vessel** (National Science Foundation, 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.

**Creating Access to Careers in Healthcare (CATCH)** (Department of Health & Human Services Health Profession Opportunity Grants, 2010-14) Partnership grant with Edmonds Community College to provide 433 TANF-eligible students extra support to succeed in entry-level allied health programs. 78% of students completing the program were employed as a result. \$299.8K over 5 years (\$60K/year).

**Healthcare Education to Career Opportunities (HECO)** (Department of Labor, 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).

### **SBCTC Competitive Allocation Highlights:**

- **Mathematics, Engineering, and Science Achievement (MESA)**
  - **MESA Community College Program** (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.
  
- **1000 FTEs**
  - **Aircraft Mechanic Capacity Building** (2018 – Ongoing) Funding to support Aircraft Maintenance Technician (AMT) program – equipment and faculty – and to integrate avionics training into the AMT pathway. \$440K annually.
  - **Pre-Engineering Capacity Building** (2018 – Ongoing) Funding to support addition of engineering and computer science courses. \$32K annually.
  - **Aerospace High Demand 1000 FTEs Program** (2014 – Ongoing) Funding to support AMTEC Precision Machining program — equipment and faculty — and to add pre-engineering and Math courses for Engineering students. \$1.1M annually.
  
- **Workforce Development Funds**
  - **Advancing Healthcare Simulation Laboratories** (2018-19) Supports capacity building in the healthcare simulation laboratories, with equipment and redesign, to support the addition of an evening nursing cohort starting in Fall 2019. \$150K for one year.
  - **Avionics Technician Statewide Workforce Capacity Building** (2017-18) Supports Aviation Technology Statewide Capacity Building in Avionics. \$500K for one year.