

## ***Western Washington University – College Readiness in Science Project (CRISP)***

### **Project co-directors:**

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### **Target audience:**

- 38 teachers and 6 principals in northwestern Washington.

### **Partners:**

- 1 high-need district: Cape Flattery (6 teachers, 1 principal)
- 2 other districts: Blaine (11 teachers, 2 principals) Mount Vernon (21 teachers, 3 principals)
- Other partners:
  - Lead partner: Western Washington University College of Sciences and Technology, Science, Mathematics, and Technology Education Program and Department of Physics and Astronomy
  - Western Washington University Woodring College of Education

### **Description:**

- This project focuses on using the Washington State Science Standards and College Readiness Definitions to improve teachers' and administrators' understanding of effective science instruction.
- Professional development activities include summer institutes, professional development workshops, administrator symposia, reflective logs, and regular professional learning community meetings.
- Content of the summer institutes and workshops is determined through a collaborative process based on data from each building.

### **Project evaluation methods:**

- Teachers: content knowledge assessments, surveys, classroom observations, case studies, interviews
- Principals: surveys, teacher interviews
- Students: analysis of WASL scores and percentage of students who take 3 or 4 years of science, take the PSAT/SAT, and attend vocational programs, 2-year colleges, or 4-year colleges

### **Significant direct collaboration or synergy with other projects or initiatives:**

- This project builds on work done through a National Science Foundation project,<sup>1</sup> the HECB's College Readiness Definitions project, and the partner schools' Advancement Via Individual Determination (AVID) programs.
- This project involves direct collaboration with K-8 teachers and administrators in our Math Science Partnership, Sustaining Partnerships Enhancing Collaboration K-8. Winter workshops are held jointly with members of both grants. Summer institutes have similar content, differentiated for both groups.

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<sup>1</sup> The NSF project, called the North Cascades and Olympic Science Partnership (NCOSP), began in 2004 and includes all three CRISP school districts.