



Washington & The National Institute of Dental and Craniofacial Research



FY20 Total Funding: **\$7,113,913**

Number of Institutions Funded: 4 (**Fred Hutchinson Cancer Research Center; Seattle Children's Hospital; University of Washington; Washington State University**)

Number of Grants Awarded: **20**

Number of Congressional Districts with NIDCR Grants: **2**

Improving Washington's Oral Health through NIDCR Funding:

- The University of Washington has received \$312,128 to train the next generation of innovative scientists in oral, dental and craniofacial research. This program consists of students pursuing a dual degree (DMD/PhD), postdoctoral scholars, PhD students, and non-citizen PhD students. Research areas include public health, behavioral, clinical, basic science, and translational medicine to create a multidisciplinary program for future researchers.
- Clefts of the lip with or without cleft palate (CL± P) represent one of the most common birth defects with an estimated worldwide prevalence of 1 in 700 live births leaving infants with feeding, speech production and breathing challenges. Despite published guidelines, tremendous variation in healthcare for infants with clefts exists, due in part to a shortage of validated outcome measures for assessing interventions in this population. Researchers at the University of Washington are developing and validating a Cleft Lip and Palate Observer-Reported Outcomes instrument (COO) to evaluate interventions that are currently in clinical trials
- Developing an effective vaccine against HIV/AIDS remains an important global health target to prevent the high rate of HIV-1 transmission around the world. Researchers at Seattle Biomedical Research Institute are evaluating delivery of an HIV-1 vaccine to the oral mucosa tissue.

