



Oregon & The National Institute of Dental and Craniofacial Research



FY20 Total Funding: **\$6,793,198**

Number of Institutions Funded: **5 (ADP Silver Dental Arrest, LLC; Oregon Health & Science University; Oregon Research and Behavioral Intervention Strategies; Oregon State University; Portland State University)**

Number of Grants Awarded: **17**

Congressional Districts Receiving NIDCR Funding: **3**

Improving Oregon's Oral Health Through NIDCR Funding:

- Dental caries, or tooth decay, are among the most common chronic conditions in children and adults in the United States. This disease is largely correlated with the overgrowth of a bacterium known as *Streptococcus mutans*. Researchers at the Oregon Health & Science University are aiming to reduce the prevalence of *S. mutans* and reduce the caries burden by examining a gene regulatory system that can inhibit their growth.
- Researchers at Oregon Health & Science University are investigating how to increase the lifespan of dental resin composites, which are used to treat tooth fractures and dental caries. Current resin materials have a limited lifespan and often require replacement of dental composites due to further tooth decay. This research will benefit the longevity of dental restorations and reduce patient and practitioner costs.

