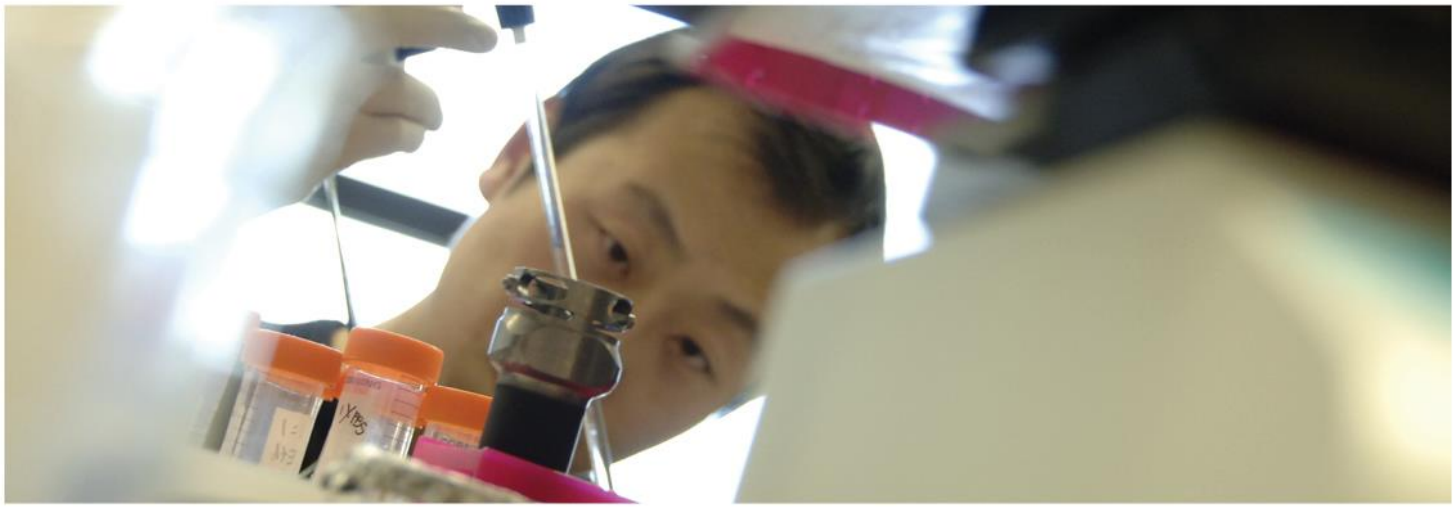

# Georgia & The National Institute of Dental and Craniofacial Research

FY20 Total Funding: **$6,619,881**
Number of Institutions Funded: **3 (Augusta University; Emory University; Georgia Institute of Technology)**
Number of Grants Awarded: **17**
Number of Congressional Districts with NIDCR Grants: **2**

## Improving Georgia's Oral Health Through NIDCR Funding:

- Augusta University is currently researching osteonecrosis of the jaw. Osteonecrosis, or bone death occurring in the jaw area, has been associated with drugs that target bone resorbing cells, mainly bisphosphonates. Most cases of bisphosphonate-related osteonecrosis of the jaw (BRONJ) occur following an invasive dental trauma. Researchers are developing a protocol to prevent bone death without losing the treatment benefit, by exploring the interactions between oral bacteria and bone-bound bisphosphonates.
- The World Health Organization estimates that there are currently 33 million humans, world-wide, living with HIV/AIDS. There is a great need to develop a safe and effective HIV vaccine that provides a low-cost, low toxicity solution to long-term control of viral replication. The majority of HIV infections occur in tissue that lines the genital, oral or rectal region. Researchers at Emory University are developing an oral vaccine using new delivery systems that induces a strong HIV-specific immune response in genital, intestinal and oral lining tissue.

Source: NIH Reporter http://projectreporter.nih.gov/reporter.cfm