

Forsyth

Forsyth has a global research presence with affiliations and collaborations worldwide. Forsyth is the world's leading independent research organization dedicated to improving oral health, and reducing interrelated systemic diseases and conditions. Our portfolio includes basic, translational and clinical research, an active technology transfer and corporate collaborations effort, and community programs that benefit underserved populations locally, nationally and internationally.

Forsyth Research

- Unparalleled history of groundbreaking discovery
- Top tier in research funding in its field from the NIH since the 1960s
- Highest impact publication record in oral and craniofacial research over the past 40 years

Advancing Health through Research

The Forsyth Institute's goal is to improve health through innovative research, education and community care in oral and related biomedical science. Key areas of investigation include:

- Oral-Systemic Disease Connections—unlocking the relationships between the mouth and the body including linkages to heart disease, stroke, obesity and diabetes.
- Global Infectious Diseases
- Molecular Microbiology and Genetics
- Immunology and Inflammation
- Mineralized Tissue Biology
- Development Biology and Regenerative Medicine

Today, Forsyth has 35 principal investigators and more than 100 research associates, students and post-doctoral fellows. Our rapidly evolving research directions include: human genomics and systems biology for individualized oral medicine; saliva-based diagnostics; collaborations with engineering, bioengineering and materials sciences to develop new diagnostics and therapies; deciphering the interplay between humans and the trillions of our bacterial passengers—to promote a lifetime of wellness; and vaccine development for global infectious diseases.

Strengthening the Professional Environment

Forsyth is located in Kendall Square, Cambridge, which is an epicenter of biotechnology with one of the highest densities of biomedical researchers in the world. In addition to our Harvard School of Dental Medicine affiliation, Forsyth has numerous collaborations with a range of academic institutions, hospitals, other independent research institutes, and biotech, pharmaceutical, start-up companies. These interactions provide access to internationally acclaimed collaborators, graduate students and post-doctoral fellows, specialized facilities, and a wide range of technical and theoretical expertise.

Research at Forsyth is organized in four departments: Microbiology, Immunology and Infectious Diseases, Mineralized Tissue Biology, and Applied Oral Sciences. In addition, there are a number of inter-disciplinary Centers that cut across departments, including the Centers for Clinical and Translational Research, the Host-Biofilm Interface, and Global Infectious Diseases.