



## ADEA Technology Survey

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### Overview

The **ADEA Technology Survey** captures insights from across the oral health education community on the integration and impact of digital tools in teaching, learning, and practice. Conducted between **April and December 2024**, the survey reflects perspectives from faculty, staff, and students across dental and allied dental programs.

### Methodology

The survey was developed using the **Qualtrics platform** and distributed via **ADEA Connect** to professional groups such as the Allied Communities, Council of Deans, Council of Advanced Education, and Council of Faculties. While limited in scope, the results provide valuable direction on how technology is shaping oral health education and professional practice.

### Key Findings

#### Technology Adoption Trends

- Widespread use of **Learning Management Systems (LMS)** and **online assessment platforms**
- Growing interest in **virtual patient simulations**
- Emerging adoption of **Augmented Reality (AR)**, **Virtual Reality (VR)**, and **Artificial Intelligence (AI)** for immersive learning

#### Challenges and Drivers

- Strong faculty interest in technology adoption
- Persistent barriers include **cost, training, and integration**
- Movement toward tools that encourage **active, hands-on learning**

## **Evolving Tech Landscape**

- Shift from traditional models to **digital-first approaches**
- **Zoom and Canvas** cited as critical platforms for collaboration
- Mixed perspectives on **telehealth**, highlighting both opportunities and limitations

## **Future Directions**

- Increasing emphasis on **student-centered, innovative learning**
- Anticipated growth in the use of **AI and data analytics** to personalize education and improve outcomes

## **Why It Matters**

The survey underscores technology's expanding role in oral health education-both as a tool for delivering high-quality learning and as a driver of change in clinical and institutional practice. These insights help guide educators, administrators, and practitioners as they adapt to a rapidly evolving digital landscape.

## **Contribute & Feedback**

We welcome your ideas for future survey topics and educational content.

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