



AAO Foundation Research Initiative

Preparing Orthodontics for the AI Era: Research in Education, Faculty Development, and Clinical Practice

Submission Deadline: October 16, 2026, at 5:00 PM Central Funding

Period: July 1, 2027 – June 30, 2028

Funding Amount: Up to \$40,000 per project;

Eligibility: Open to orthodontic researchers, clinicians, and academic institutions in the United States and Canada

The American Association of Orthodontists Foundation (AAO Foundation) invites proposals investigating how artificial intelligence will transform orthodontic education, faculty development, clinical decision-making, and patient care. The goal of this initiative is to develop evidence-based approaches that prepare orthodontic educators, residents, and practitioners to effectively and responsibly utilize AI technologies.

Priority Areas:

- 1. Faculty Development and AI Literacy**
- 2. AI in Resident Education**
- 3. Clinical Decision Support and Human Oversight**
- 4. Ethical, Legal, and Professional Implications**
- 5. Implementation Science**
- 6. Workforce and Career Development**

How to Apply Applications must be submitted electronically via the AAO Foundation Grant Portal: <https://www.grantinterface.com/Home/Logon?urlkey=aao>