Established in 1992, the Dr. J. Murray Gavel Center for Restorative Dental Research has a long history of performing high quality bench studies in the area of dental materials research. The center is located at Tufts University School of Dental Medicine in the heart of downtown Boston, MA. The university welcomes the many valuable contributions from agencies, corporations, foundations, and individuals which makes its mission of extraordinary education, research, and community service possible.

### Common Testing Methods
- Compressive Strength
- Shear Bond Strength
- Tensile Strength
- Spectrophotometry
- Thermocycling
- Hydroxyapatite Formation
- Scanning Electron Microscopy (SEM)
- Water Absorption & Solubility
- Microleakage
- Three-Point Bend
- Fluoride Release
- Influence of pH on Dental Materials
- Demineralization
- Vickers Hardness Testing

### Commonly Tested Materials
- Dental Cements
- Dental Base/Liners
- Dental Composites
- Dental Implants
- Adhesive Systems
- Tissue Management Materials
- Various Indirect Restorative Materials
- Impression Materials
- Provisional Materials
- Glass Ionomers and RMGCIs
- Prosthetic Materials
- Endodontic Materials
- Orthodontic Materials

The TUSDM research community welcomes inquires from potential corporate partners. To learn more about the wealth of research resources available at TUSDM, please contact:

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