For students interested in extracurricular activities, there are a variety of student organization with a focus on professional service and development. Most are affiliated with national dental organizations. Students may also participate in other non-dentistry oriented organizations.

Active student organizations within the school include:

- Academy of LDS Dentists
- American Academy Cosmetic Dentistry
- American Academy of Pediatric Dentistry
- American Association for Dental Research-Student Research Group
- American Association of Women Dentists
- American Student Dental Association
- Christian Medical-Dental Association
- Delta Sigma Delta Fraternity
- Hispanic Dental Association
- Interfraternity Council
- Psi Omega Fraternity
- Student American Dental Hygienist’s Association
- Student National Dental Association
- Student Professionalism & Ethics Association
- Students Take Action
- UMKC Chapter of the Academy of LDS Dentists
- UMKC Student Council
- Xi Psi Phi Fraternity