

David Mo

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EDUCATION

University of Minnesota, Twin Cities — *Chemistry B.A.* Sept. 2016 - May 2020
Temple University, Kornberg School of Dentistry — *DMD* August 2022 - Anticipated May 2026

EXPERIENCE

Camp Smile Pediatric Dentistry & Orthodontics, Plymouth MN
Sterilization Technician **May. 2020 - May 2021**

- Perform decontamination, preparation, sterilization and distribution of dental instruments.
- Keep inventory and place orders for materials and supplies utilized by the clinic.
- Sterilize equipment between patients and at the end of the work day.

Minnesota Dental Research Center for Biomaterials and Biomechanics, UMN Twin Cities
Undergraduate Researcher **May. 2018 - May 2021**

- Design experimental protocols for chemical mineralization testing of human and bovine teeth.
- Utilize analytical and organic chemistry techniques to quantify collagen mineralization samples and identify amorphous precipitation states.
- Perform quantitative modeling of free ion diffusion in enamel through MATLAB.

Boynton Health, UMN Twin Cities
Student Safety Transportation Officer **Oct. 2018 - Sept. 2019**

- Take calls regarding safe ride requests and provide transportation to promote a safe campus environment.
- Ensure student safety when necessary through First Aid/CPR.
- Coordinate with the navigational team to optimize routes and meet student transportation needs.

VOLUNTEERING

Hope Dental Clinic - St. Paul, MN
Volunteer Dental Assistant **Oct. 2019 - May 2020**

- Provide free dental care to local low-income patients.
- Seat patients and obtain vitals and/or patient information prior to treatment.
- Assist doctors during treatment and review post-op instructions with patients.

2018 OneSmile Gala - Burnsville, MN
Student Volunteer **Oct. 2018**

- Set up event area and direct attendees.
- Ensure flow of events and work with other student volunteers to address issues.
- Address attendee questions and forward concerns to event directors.

Give Kids a Smile - UMN Twin Cities
Patient Escort **Feb. 2018**

- Provide free dental care to pediatric patients of low-income families.
- Assist assigned patient and escort patient to designated areas in clinic.
- Assist dentists in performing molar cavity filling on patients.