



AADOOCR
American Association for Dental,
Oral, and Craniofacial Research

NSRG National Student
Research Group

AADOOCR NSRG Member-at-large/Regional Rep Application

Candidate Name _____
University _____
Address _____
City _____ State _____ Postal Code _____
Email _____ Telephone _____
Graduation Date _____

Position Sought _____

Reasons for Running *(250 word limit)*

I am applying for both the AADOOCR NSRG Member at Large and Regional Representative positions because research has become one of the most meaningful parts of my dental education, and I want to help more students get involved in it. Through my work in orthodontics, artificial intelligence, and craniofacial regeneration, I have seen how research can connect students across schools, specialties, and career goals.

A recent experience that reinforced this interest was being selected as the student representative for a research forum at Columbia. That opportunity pushed me to think more about the broader impact of research. One idea that stayed with me was that while clinical care can change an individual life, research has the potential to influence entire communities and populations. That perspective continues to shape how I approach research and leadership.

As Member at Large, I would be most interested in contributing at the board level by supporting NSRG initiatives, collaborating on new ideas, and helping turn planning into action. My leadership experiences have taught me how to communicate clearly, stay organized, and follow through, and I would bring that same approach to committee programming and each of the broader organizational efforts.

As Regional Representative, I would focus on strengthening connections between schools, especially across New York and District 2, by sharing research opportunities, promoting collaboration, and helping students feel more comfortable getting involved. I would use my experience in both university and district level leadership to connect national initiatives with local student groups while also highlighting the work being done across individual schools.

Research Conducted *(Include top five bullet points; 200 word limit)*

Columbia University Center for Dental and Craniofacial Regeneration (Dr. Chang H. Lee, Dr. Christopher Ricupero)

- Conduct translational research on CRISPR activation for periodontal ligament regeneration, utilizing cell culture, nucleofection, RNA extraction, cDNA synthesis, qPCR, and data analysis

University of Connecticut / University of Florida Orthodontics (Dr. Madhur Upadhyay, Dr. Sarah Abu Arqub)

- Contributed to artificial intelligence research in orthodontics, including annotation of 200+ panoramic radiographs to support impacted teeth analysis and model development

University of Florida Orthodontics (Dr. Sarah Abu Arqub)

- Published a systematic review and meta analysis evaluating clear aligners in extraction based orthodontic treatment

University of Florida Orthodontics (Dr. Sarah Abu Arqub)

- Published a study evaluating teleorthodontics and Dental Monitoring, resulting in a publication in press on treatment efficiency and practice performance

Columbia University Department of Orthodontics (Dr. Sunil Wadhwa, Dr. Emily Fernandez; Dr. Seung Jun Song, Dr. Tyler Moore)

- Assisted on projects examining alveolar bone remodeling and post Phase II changes using artificial intelligence and ultrasound based imaging
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Student Activities *(Include top five bullet points; 200 word limit)*

President, Columbia ASDA

- Led a chapter of more than 300 students and oversaw 14 committees, coordinating initiatives and events across the organization

Vice President, Michael Yuan Orthodontic Society

- Managed events, finances, and student engagement while collaborating with residents to organize orthodontic programming

Secretary, Class of 2027

- Facilitated communication between leadership and students, collected feedback, and organized weekly class updates

Research Committee Liaison, William Jarvie Research Society

- Promoted research opportunities and coordinated communication of events to increase student involvement

Team Captain, CUIMC Badminton Club

- Organized scheduling and events while leading a club of more than 50 members and promoting student participation

Academic Honors *(Include top five bullet points; 200 word limit)*

- First Place, Hinman Student Research Symposium, Basic Science Oral Presentation, 2025.
- First Place, Columbia University Birnberg Research Symposium, Biomedical Research Category, 2025.
- Third Place, AADOCR IADR 411 Rapid Research Competition, Basic Science Oral Presentation, 2026.
- Selected nationally for the AADOCR Hatton Competition Oral Presentation, 2025.
- AADOCR Student Research Fellowship, 2025 to 2026.

All information should be carefully proofread. The information you submit will not be re-typed and will be provided to the board exactly as you submit it.

Please include a headshot color photo of yourself as an attachment in addition to this candidate form. The photo should be in .jpg or .png format and be no more than 500x500 pixels.

Please save this document as “2026-2027 AADOCR NSRG <MAL and or RR> - <INSERT NAME HERE>”. Then email it as an attachment along with your photo to nsrg@aadocr.org by the April deadline.
