

# Dylan M. Crann

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## EDUCATION

### University of Pennsylvania School of Dental Medicine

Aug 2023 – Present

Doctor of Dental Medicine Candidate

### University of Mary Washington

Aug 2019 – May 2023

Bachelor of Science – Major: Biomedical Sciences; Minors: Chemistry and Neuroscience.

GPA: 3.9; Summa Cum Laude, University Honors

### Chantilly Governor's STEM Academy

Aug 2017 – Jun 2019

Dental Careers Course – A two-year program introducing students to careers in dental health sciences and learning clinical skills necessary to perform and work as dental assistants.

## PROFESSIONAL EXPERIENCE

### Yale Oral & Maxillofacial Surgery Externship

Aug 2025

Rotated through the Yale New Haven Hospital system with the oral and maxillofacial surgery team. I observed, assisted, and learned further about sedations, extractions, removal of cysts, All-on-X implants, and bilateral sinus lifts with use of anterior iliac crest bone graft, and trauma-related procedures.

### Case Western Reserve University Oral & Maxillofacial Surgery Externship

Aug 2025

Participated in an externship at Case Western Reserve University within the department of oral and maxillofacial surgery, where I rotated with residents in University Hospitals and the associated clinic system and observed cases such as full mouth extractions, sedations, orthognathic surgeries and workups, closure of an oronasal fistula, and treatment of craniofacial trauma.

### Children's Hospital of Philadelphia Craniofacial Shadowing

Jul 2025

Shadowed provider care of patients with complex craniofacial conditions in the Division of Plastic Surgery in clinic and surgical settings within Children's Hospital of Philadelphia and the Buerger Center for Advanced Pediatric Care.

### Geisinger Health System Oral & Maxillofacial Surgery Externship

Mar 2025

Rotated through Geisinger Medical Center, Geisinger Bloomsburg Hospital, and Geisinger Wyoming Valley Medical Center, where I learned about and observed oral and maxillofacial surgery procedures such as full mouth extractions, arthroscopies, implants, alveoloplasties, and a mandibulectomy with neck dissection and application of mandibular transosteal plate with supraclavicular artery island pedicled flap.

### Weill-Cornell Oral & Maxillofacial Surgery Externship

Jul 2024

Participated in an externship at Weill-Cornell New York Presbyterian Hospital, learning and observing oral surgery procedures, including orthognathic surgery, bilateral mandibular fracture repair, and extractions, amongst others.

### University of Pennsylvania Oral & Maxillofacial Surgery Clinic and Operating Room

Nov 2023 – Present

Currently participating in sequences of shadowing and assisting of procedures within Penn Dental Medicine and Hospital of the University of Pennsylvania oral and maxillofacial surgery clinics and operating rooms.

### Hospital Volunteer

Dec 2021, Dec 2022 – Jan 2023

Volunteered at Howard University Hospital, where my primary assignment was in the dental clinic for oral and maxillofacial surgery. While volunteering, I would aid in preparing rooms for treatment, taking patient vitals, and see and assist in specialty procedures such as closed reductions with maxillomandibular fixations, implants, and extractions.

### Dental Assistant

Apr 2019 – Jul 2023

Worked as a dental assistant for SmileOn Dentistry and Neibauer Dental Care where I would be involved in assisting in procedures such as crowns, fillings, extractions, taking X-rays, and recording patient vitals amongst other tasks.

## AWARDS AND HONORS

### Oral and Maxillofacial Surgery Honors

Dec 2025

Accepted into the Oral and Maxillofacial Honors program at Penn Dental Medicine. The honors program allows selected fourth-year students to learn and perform more advanced surgical procedures, such as preprosthetic surgery, complex dental extractions, and biopsies, amongst others.

### Pediatric Dentistry Honors

Dec 2024

Accepted into the Pediatric Dentistry Honors program at Penn Dental Medicine in recognition of achievement and character. The honors program gives the opportunity to expand knowledge on comprehensive treatment planning, pediatric patient care, and behavior management techniques.

### Dean's Scholar

Dec 2022

Merit-based scholarship for accomplishments demonstrated through undergraduate educations and beyond as well as the potential to contribute to the legacy of excellence at Penn Dental Medicine.

### Virginia Academy of Science Research Grant Winner

Oct 2022

Awarded grant after competing in the Virginia Academy of Science Fall Undergraduate Research Meeting against numerous undergraduates from Virginia colleges for presenting my research: "The Effect of Social Isolation on Depression-like Symptoms in Mice."

### Phi Beta Kappa

Mar 2022

Granted membership to the Kappa of Virginia at the University of Mary Washington in recognition of high attainments in liberal scholarship and good moral character.

### President's List

Dec 2022, May 2022, Dec 2019

Designated by the University of Mary Washington to students carrying at least 12 graded credits of new coursework on which quality points may be computed and who attain a grade-point average of 4.00 on all work taken for a graded credit in a semester.

### Dean's List

May 2023, Dec 2021, May 2021, Dec 2020, May 2020

Designated by the University of Mary Washington to students carrying at least 12 graded credits of new coursework on which quality points may be computed and who attain a grade-point average of 3.50 or better on all work taken for a graded credit in a semester.

### Phi Eta Sigma

Mar 2020

Granted membership into the oldest and largest first-year honor society in the United States. First-year students accepted must be academically full-time, earn a GPA of 3.50 or higher, and be in the top 20% of the first-year class.

### University of Mary Washington Honors Program

Feb 2020 – May 2023

Accepted into and graduated with distinction from the UMW Honors Program, which is an interdisciplinary learning opportunity for students that allow through coursework for students to analyze their own and others' assumptions and apply critical reading, writing, speaking, problem-solving, and thinking skills that incorporate information literacy and audience appreciation.

### Most Dedicated Student Award

May 2019

Awarded to a student of exceptional merit in Dental Careers, a two-year program at Chantilly Academy, a Governor's STEM academy, as recognition for the dedication and hard work demonstrated.

## RESEARCH EXPERIENCE

### Mortality from Temporomandibular Joint Abscess with Intracranial Extension: A Case Report

Sept 2025 – Present

Case report exploring a rare scenario of septic arthritis of the TMJ complicated by a masticator space abscess involving the temporal and infratemporal fossae and intracranial extension associated with frontotemporoparietal empyema and non-convulsive status epilepticus.

### Individual Patient Solutions Implants Preprosthetic: A Literature Review and Case Report

Sept 2025 – Present

Conducting a combined literature review and case report based around the new Individual Patient Solutions (IPS) Implants® Preprosthetic, where I am synthesizing current literature and describing the indications and workup for applying such implants

in certain patient populations.

### **Review of Metabolic Risks in Oral Cancer and Dysplasia**

Aug 2025 – Present

Conducting retrospective descriptive and case control studies as part of the Gates Oral Cancer Research Group, where I am exploring the prevalence of metabolic risk factors, such as dyslipidemia, high blood pressure, insulin resistance, and obesity, amongst patients diagnosed with oral cancer and dysplasia.

### **The Effect of Social Isolation on Depression-like Symptoms in Mice**

Aug 2022 – May 2023

Explored the effects of social isolation in mice on behavioral and physiological systems that are analogous to those associated with human depression. I housed outbred CD-1 mice in social and isolated groups, later analyzing learning and memory by Barnes maze and novel object recognition tests, and measured levels of the neurotrophin, brain-derived neurotrophic factor, in the frontal cortex and hippocampus, as well as levels of plasma corticosterone through enzyme-linked immunosorbent assays.

## **POSTER PRESENTATIONS**

**Crann D, Waters P.** The Effect of Social Isolation on Depression-like Symptoms in Mice. Poster presented at Virginia Academy of Science Spring Meeting, May 25, 2023, Williamsburg, VA.

**Crann D, Waters P.** The Effect of Social Isolation on Depression-like Symptoms in Mice. Poster presented at Fall Undergraduate Research Meeting for Virginia Academy of Science, October 29, 2022, Harrisonburg, VA.

## **EXTRACURRICULARS AND LEADERSHIP**

### **Implant Study Club, *Selective Chair***

Mar 2025 – Present

Acting board member in the Implant Study Club, with responsibilities of organizing a selective course consisting of lectures on implant dentistry with a goal of introducing a wide range of topics and discussions.

### **Tooth Talks Club, *President***

Jan 2024 – present

President of Tooth Talks – A club designed to create a unified platform for dental students to engage with various dental professionals in an informal setting. Responsibilities include coordinating and ensuring events, membership, and engagement are conducted properly.

### **Dental Innovators, Creators, and Entrepreneurs Club, *Treasurer***

Jan 2024 – May 2025

Acted as a custodian of funds and accounts of DICE Club through assisting with ordering and reimbursement of fundraisers and events.

### **Special Olympics, Special Smiles Volunteer**

Nov 2023, Nov 2024, Nov 2025

Volunteered through Special Smiles and the American Academy of Developmental Medicine and Dentistry at the Special Olympics, where I conducted oral health screenings and educated about oral health care for mentally and physically disabled individuals.

### **Penn Dental Medicine Volunteer**

Nov 2023, Aug 2024, Oct 2025

Volunteered with the Division of Community Oral Health in community events and fairs relating to education of oral health, special needs awareness, and fostering relations of Penn Dental Medicine to the neighboring communities.

### **Penn Dental Literature Club, *Class Representative***

Nov 2023 – May 2025

Served as the bridge between the Penn Dental Literature Club and fellow classmates, informing and spreading word of club events, initiatives, and opportunities.

### **Delta Sigma Delta, *member***

Sep 2023 – present

The oldest and largest of the professional dental fraternities, committing itself on brotherhood, professional development, and community service.

### **Schoenleber Oral and Maxillofacial Surgery Society, *member***

Sep 2023 – present

Club committed to helping Penn Dental Medicine students in the pursuit and navigation of oral and maxillofacial surgery.

### **American Academy of Developmental Medicine and Dentistry, *member***

Sep 2023 – present

Club focused on and with the goal of equipping students with the knowledge and experiences to care for patients with special healthcare needs.

**Penn Dental Medicine Admissions Ambassador**

Aug 2023 – present

Position associated with the Office of Admissions, which includes responsibilities of answering questions of prospective students, giving tours of Penn Dental Medicine, and serving as a panelist during interview day and other admissions-related events.

**Fredericksburg Regional Food Bank Volunteer**

Nov 2021-Apr 2022

Tasked with packaging goods and quality assurance on donated food to ensure they were of good quality for redistribution to individuals and families.

**UMW Pre-Health Society, *President***

Apr 2021 – May 2023

Organized all meetings and events, consulted with the Chair of the Pre-Health Advisory Board, maintained relations with professional schools and health professionals, and assisted pre-health track students with any questions or concerns.

**UMW Pre-Health Society, *Vice-President and Pre-Dental Chair***

Sep 2020 – Apr 2021

Conducted track-oriented informational sessions and updated bulletin board items designated for use by the UMW Pre-Health Society, consulted with members of the pre-dental career path, and reported comments or concerns back to the President.

**UMW Club Soccer**

Aug 2019 – May 2023

Played as a goalkeeper for the University of Mary Washington Club Soccer team, with key responsibilities being to help organize, shape, and support the team while playing during games.

**CERTIFICATIONS AND CONTINUING EDUCATION****Anesthesia in Oral and Maxillofacial Surgery: Looking Back and Leaping Forward**

Nov 2025

Continuing education course discussing the evolution of office-based anesthesia from its early pioneers to the innovations shaping the specialty's future, as part of the Penn OMFS Alumni and Friends Recognition Event.

**International Team for Implantology**

Oct 2025, Dec 2025

Attended continuing education lectures exploring treatment options for patients with atrophic bone and planning for oral rehabilitation, respectively.

**Cardiopulmonary Resuscitation Certification**

Nov 2023 – present

Certified through the American Safety and Health Institute in recognition of knowledge and skills required to perform CPR.

**Radiation Health and Safety Certification**

Apr 2019 – present

Certified through the Dental Assisting National Board to perform dental radiograph procedures in numerous states.