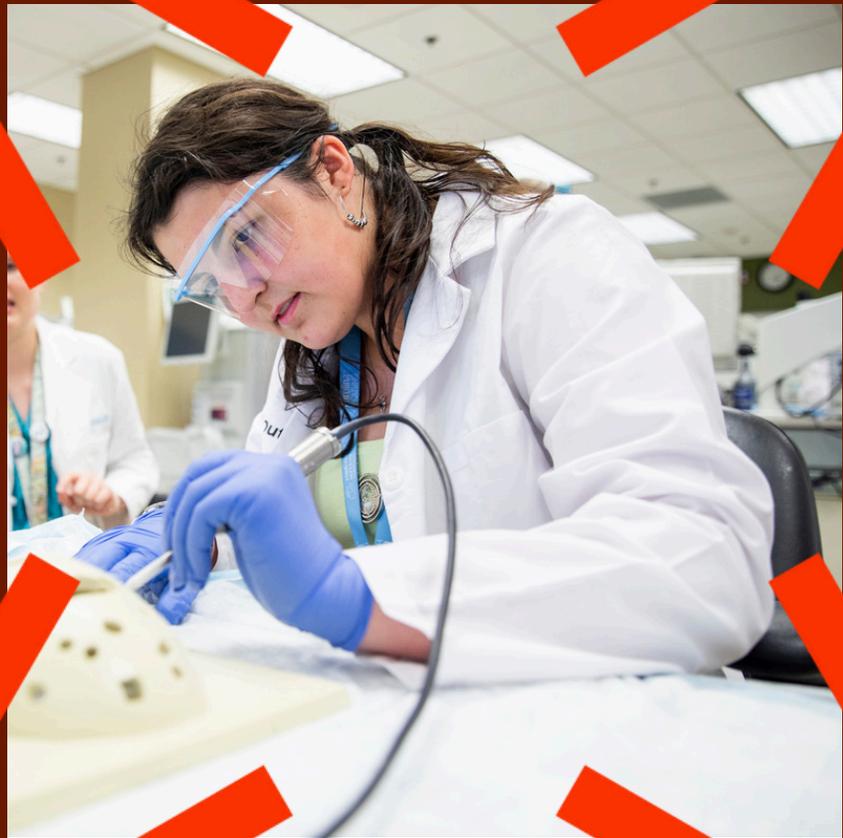


SUMMER 2026

# Neurosurgery at Outset



**Outset**



## **Explore medicine hands-on and see if a path to a career in **Neurosurgery** is a good fit for you.**

Outset's Neurosurgery Program gives students a meaningful first look at one of the most challenging and impactful careers in medicine. Throughout the week, participants explore what draws physicians to neurosurgery: problem-solving under pressure, caring for complex conditions, and working at the intersection of science and innovation.

Students will gain understanding of not only what neurosurgeons do, but why this path requires discipline, curiosity, and a deep commitment to patients.

Alongside this broader exploration, students take part in hands-on simulation labs and physician-led sessions that introduce the technical skills and training milestones involved in the field.

Combined with Outset's Path to Pre-Med curriculum, the program helps students gain clarity about the academic journey ahead and whether Neurosurgery aligns with their interests and strengths. Participants leave with new confidence, deeper insight into medical careers, and a clearer sense of where they might want to go next.

# What to expect in a week of Neurosurgery

## Hands-On Neurosurgery Simulations

Students get a firsthand look at what neurosurgeons practice, using medical-school-level tools and models under guided supervision. Examples of activities may include:

Suturing & Microsuturing Practice: Learn fundamental surgical stitching on simulation materials used in medical training.

Scrub-In Demonstration: Practice proper OR protocol and prep to understand how surgical teams operate together.

Burr Hole Drilling on Cranial Models: Use surgical drills on specialized training models to understand how neurosurgeons relieve pressure or access the skull.

Spinal Hardware Placement: Work with spinal models to place screws or rods, seeing how neurosurgeons stabilize the spine.

## Lectures and Q&A with Physicians

Students attend sessions led by physicians - including neurosurgeons and specialists from other fields who share firsthand perspectives on medical careers. Example topics:

- What a neurosurgeon actually does day to day
- How physicians choose their specialties
- Training milestones, from college to residency and beyond
- Real stories from the OR and clinic
- Student-driven Q&A about careers, school, challenges, and lifestyle

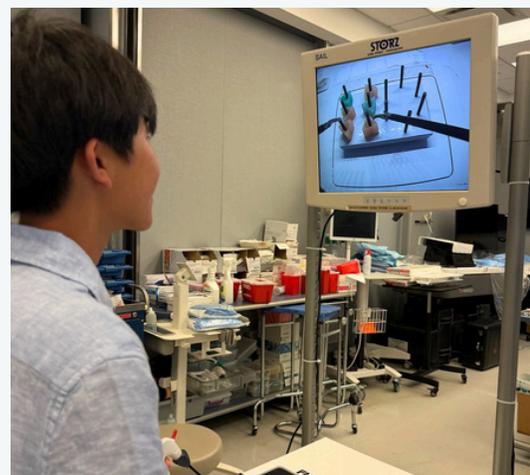
These sessions help students better understand whether Neurosurgery could be a good long-term fit.

## Path to Pre-Med Course

All students participate in Outset's "Path to Pre-Med" curriculum. It is designed by pre-med advisors that demystifies the entire journey to becoming a doctor. Students learn:

- The full timeline from high school to college to medical school
- What pre-med classes to expect
- Strategies for succeeding in challenging courses
- How to choose the right college for their goals
- What the MCAT is, how, and when students prepare for it
- How to make smart choices about extracurriculars, gap years, etc
- What medical school applications look for

**Note: Specific activities vary by campus and availability. Students receive final schedule closer to their program date.**



# Your Foundation for the Pre-Med Journey

Our **Path to Pre-Med** curriculum is designed by pre-med advisors to help students understand what it takes, before they start the path.

## **Map Your Medical Journey**

See the full timeline and financial picture.

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## **Pick the Perfect College**

Find the school that sets you up for pre-med success.

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## **Tackle Pre-Med Challenges**

Learn how to handle the toughest college hurdles.

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## **Plan Your Courses**

Know what classes to take and in what order.

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## **Ace Hard Classes**

Master strategies for challenging pre-med courses.

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## **Gap Year Options**

Weigh pros and cons of a gap year before med school.

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## **Conquer the MCAT**

What it is, why it matters, and prep tips.

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**Master Med School Applications** Learn the process and how to stand out.

Hear from students what they take away from the Path to  
Pre-Med curriculum at the video on our home page:

[Learn More](#)



**What kind of student is a good fit for Neurosurgery?**

Students who are mature, motivated, and genuinely curious about one of the most rigorous medical specialties. We look for applicants who show early dedication, strong follow-through, and excitement for a challenging learning environment.

**How competitive is the Neurosurgery program?**

Neurosurgery is one of our more selective programs due to high academic and professional standards. If you're unsure about your fit, we encourage you to speak with your Admissions Representative for guidance.

**Are there grade limitations for neurosurgery?**

Yes, the Neurosurgery program is for rising 10<sup>th</sup> - 12<sup>th</sup> graders only. If you are a 9<sup>th</sup> grader, please see our [Programs page](#) for other specialty options.

**Can I switch program specialty later?**

You can switch programs up to 2 months before your start date if there are still spots available in other programs on your campus. We cannot guarantee this, so please [contact our Admissions team](#) for more info.

**Can I do back to back programs in different specialties?**

Yes. Back to back programs are a great way to meet more peers, explore other specialties, and reinforce core learning. Note that if you stay on the same campus, activities may repeat and you will be participating in the "Path to Pre-Med" course again along with your new week's student cohort.

**What if I'm not sure this is the right program for me?**

See our overview of other program specialties on the next page. You can also visit our [website](#) to explore other programs.

**Contact Us**

# Hear from our alumni

Neurosurgery Program: Video



## Have fun as you grow

*Perfect balance of fun and education. My daughter made some great friends here, and it really solidified her passion for and decision to go into medicine.*

~Outset Parent, 2025

**Outset**  
SUMMER 2026



# The trusted leader for teen career exploration.

Outset is trusted by 1,000+ families each summer for high-quality teen summer programs. [Read our reviews](#) and see why we're the leading brand for summer education.



**Read Reviews**



# All Programs

Not sure if **Neurosurgery** is the right program for you?  
Check out some of our other MD path specialties:

**Orthopedic Surgery** Study musculoskeletal system care, bones, joints, and injuries.

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**General Medicine** Explore the fundamentals of care, diagnosis, and treatment.

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**Cardiology** Explore surgical care for the brain, spine, and nervous system.

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**Psychiatry** Focus on mental health assessment and treatment.

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**Anesthesiology** Learn how anesthesia supports surgeries and patient safety.

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**Pediatrics** Focus on healthcare of children from infancy to adolescence.

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**Dentistry** Study oral health, dental procedures, and patient care.

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**General Surgery** Explore surgical principles and patient care for procedures.

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**Emergency Medicine** Understand fast-paced care for urgent and acute conditions.

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**Dermatology** Study skin health, conditions, and treatments.

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**Neurosurgery** Explore surgical care for the brain, spine, and nervous system.

[See All Programs](#)

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Ready for your week  
at Outset?

**Apply Now**

Have questions or need to follow-up on your admissions process? Schedule time with our Admissions Team

**Schedule Call**