



AHN NSG Affiliated Medical Student Internship Opportunities

Updated 9/23/2024

	AHN/Drexel Medical Student Neurosurgery Research Fellowship	The Drexel Scholars' Program	The Drexel Summer Research Fellowship	AHN Neurosurgery Medical Student Summer Internship Program
Director Administrative Assistant	Jody Leonardo, MD jody.leonardo@ahn.org	Michael S. Weingarten, MD, MBA, FACS Assistant Dean of the Scholars Program msw34@drexel.edu	Karen Shulik Program Coordinator, Career Advising klu23@drexel.edu	Boyle Cheng, PhD and Jody Leonardo, MD jody.leonardo@ahn.org
Internet Link:	https://www.ahn.org/health-careprofessionals/education/undergraduate-medicaleducation/neurosurgery-medical-student-program/internship-opportunities.html	https://webcampus.med.drexel.edu/medicalscholars	https://drexel.edu/medicine/academics/md-program/medical-studentresearch/medical-student-research-fellowship/	https://www.ahn.org/health-care-professionals/education/undergraduate-medical-education/neurosurgery-medical-student-program/internshipopportunities.html
Goal:	To provide Drexel medical students interested in Neurosurgery the opportunity to conduct Neurosurgery research for a year and clinical and operative exposure to the field.	The Scholars Program is a longitudinal experience of guided study for exploration of medical practice, education or research for Drexel medical students. It consists of a series of research activities throughout the four years of medical school.	To provide opportunities for first-year DREXEL medical students to engage in full-time clinical or basic science research under the direction of a member of the faculty at Drexel or one of our affiliated clinical sites	To provide Drexel and non-Drexel students , the opportunity to perform funded research with the AHN Neurosurgery Department between MS1 and 2.
Eligible:	DREXEL Medical students during summer between MS3 and MS4	DREXEL Medical students during summer between MS 1 and MS2	DREXEL Medical students during summer between MS 1 and MS2	DREXEL and Non-Drexel medical student during the Summer between MS 1 and MS 2
Age:	>18 y.o.	>18 y.o.	>18 y.o.	>18 y.o.
Period of Time:	July through May	Summer	Summer	May 19 – July 18, 2025 (subject to alternate dates for non-Drexel students)
Location:	On site	On site	On site	On site
Number of Positions:	1	TBD	Up to 50	6 for Summer of 2025
Salary:	Stipend of \$10,000	None	Stipend of \$2,500	\$15/hour- 20 hours per week (\$2.5k as an AHN employee)
Where/how to apply:	<p>Steps in application process:</p> <ol style="list-style-type: none"> Construct a project proposal approved by the neurosurgical faculty mentor – should be approximately 1 page with a background detailing the problem and the current gap in the literature, the research question, and the proposed methods to address it. Write personal statement (less than 2,000 characters detailing personal biography and reasons for interest) Submit all items via email along with your CV to jody.leonardo@ahn.org 	<p>Through Drexel Scholar's Program Need to submit CV and proposed research statement</p>	<p>Using Drexel's research opportunities database or by developing own project. Must work with faculty member who has a faculty appointment at Drexel or one of their clinical sites. Must meet with faculty member to develop project proposal. Need to complete the MSSRF application.</p>	<p>Steps in application process: See Student Application Guide Below! Construct an application packet including</p> <ol style="list-style-type: none"> Project proposal sponsored by AHN Personal Statement Application Form CV <p>Submit application packet to Jody.Leonardo@ahn.org</p>
Application Selection Process:	AHN Neurosurgical Resident Research Council (NRRC) will select based on applications submitted	See website for additional details	See website for additional details	AHN Neurosurgical Resident Research Council (NRRC) will select based on applications submitted on Feb 7, 2025. Acceptance letters Feb 14, 2025. Mandatory student acceptance or decline: Feb 28, 2025.
Committee:	AHN Neurosurgical Resident Research Council (NRRC)	The Drexel Scholar's Program Committee		AHN Neurosurgical Resident Research Council (NRRC)
Deadline:	February 7, 2025	Fall of MS 1 year	TBD	February 7, 2025
Decision Released:	February 14, 2025	March of MS 1 year	February of MS 1 year	Feb 14, 2025 with acceptance commitment or decline by Feb 28, 2025.



2025 AHN Neurosurgery Summer Internship Program Student Application Guide

Revised August 1, 2024

PLEASE READ THIS ENTIRE GUIDE BEFORE SUBMITTING YOUR APPLICATION

I. Introduction

The AHN Neurosurgical Department Summer Research Internship is designed for both Drexel and non-Drexel students between their first and second years of medical school. The internship affords the student the opportunity to spend funded time **in Pittsburgh** with our neurosurgical research staff, residents, and faculty to meaningfully work as part of a research team.

To make the most of the time in Pittsburgh, **applicants will need to establish or join a research project proposal with one of the faculty members of our department (Research Faculty, Clinical Faculty, and/or Clinical Research Coordinators) as part of the application process. Work on projects may continue after your funded time with us.**

See below II. Application Process for additional details.

If accepted, **prior to arriving in Pittsburgh, the student and faculty will need to prepare and submit a “Prep to Research” or full IRB to the AGH IRB Committee. We suggest this be completed 6-8 weeks prior to arrival to ensure data collection can begin immediately.**

- During their time in Pittsburgh, Students will be provided with biweekly funding of for 8 weeks, for a total of \$2580
- Subsidized local housing at the Western Pennsylvania Nursing School **may** be available.
- Students will be expected to present their research conclusions/project status to the department on July 16, 2025 near the end of their time in Pittsburgh.

Expectations during time in Pittsburgh:

- Students will need to be physically present in Pittsburgh during the summer internship program. Time away may impact funding.
- Students will be provided with a laptop from AHN for off-site continued work. Unfortunately, security protections from our IT department limit use to the Western Pennsylvania region.
- **The LAPTOP CANNOT BE TAKEN OUT OF THE WESTERN PENNSYLVANIA REGION.**

II. Application

Application Packet Due February 7, 2025

- Application Packet will need to consist of
 - Application form with contact information
 - CV
 - Personal Statement describing
 - *History of research experience*
 - *What you hope to gain by the opportunity*
 - *Personal biography & reasons for interest in neurosurgery*
 - Project Description **specifically focused on medical student's planned personal contribution to this project or subproject.**
 - **Format:**
 - **Background**
 - **Research Question**
 - **Proposed Research Methods/Statistical Plan**
 - **Student's Specific involvement (i.e. similar to the attribution info slide at research day)**
 - **References**

III. Recommended Timeline

- September-December 2024: Establish contact with faculty member at AHN re: new project development, joining an existing project with a discrete medical student project opportunity, and to establish their willingness for supervision.
- January-February 7, 2025: Finalize application materials, specifically research proposal with **your detailed planned contribution** to the project.
- February 7, 2025: Application Deadline
- Friday, February 14, 2025: Acceptance Notifications
- February 28, 2025: **Deadline for Applicants to accept or decline the role.**
- Wednesday, March 5th, 2025, 4-5pm **Orientation Zoom, Mandatory attendance by Students and Mentors**
 - Introductions to
 - Dr. Boyle Cheng, PhD
 - Praveer Vyas, Health Outcomes Researcher

- Jenna Li - Research Statistician
- Sarah Kimutis – Neuroscience Clinical Research Manager

- **March – May 2025: Prior to arrival at orientation**

- Work with Praveer, Jenna, and Mentors to ensure project proposal is statistically sound.
- Work with Sarah and Mentor if any clinical trial patient interaction/data will be part of the project.
- Work with mentor to ensure project “Prep to Research” or Full IRB approval has been obtained for your work to begin on site.
- Complete CITI training if not previously certified
- HR/HIPAA onboarding modules.

- **May 19, 2025 Program Begins, unless student is non-Drexel.**

- MANDATORY, IN PERSON Orientation Week with HR, IT, Departmental onboarding.
- During summer, provide weekly update to Summer Research Internship Research Tracker on Microsoft Teams about progress.

- July 16th: End of summer project presentations to Neurosurgery Department faculty and residents with Award and \$200 prize for top project

- At the conclusion of the program, our staff will work with IT to transition your EPIC and AHN email credentials to your ongoing volunteer student role if you plan to continue to work with your mentor. There can be a temporary delay (up to 2 weeks) in remote access while this conversion occurs.

- Please keep this in mind if you are planning to submit projects to meetings with abstract deadlines in the late summer/early fall.