

# Daniel Cummins, MD

Neurosurgery Resident, Class of 2030  
Department of Neurosurgery  
Icahn School of Medicine at Mount Sinai



## Clinical and Academic Interest in Neuromodulation, Brain Mapping, & Enhanced Stroke Recovery



### What made me choose Mount Sinai...

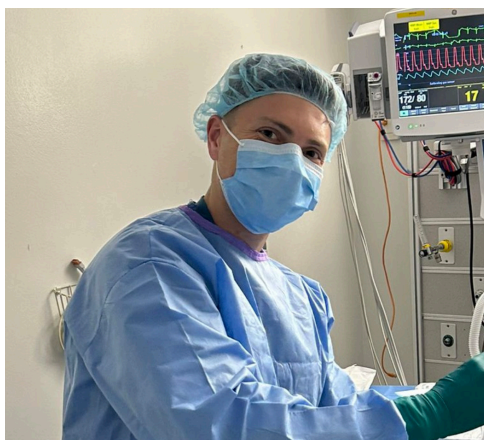
The people are probably the biggest reason why I chose Mount Sinai for my residency. From my interview to in-person visit, I felt a strong passion and community across the department. I felt like Sinai was the perfect plan to take the long journey of becoming a neurosurgeon. It also has all the resources to support my clinical and academic interests in the field. NYC is an amazing place to live!

### Contact

Learn more about Dr. Cummins and reach out to him directly.

#### Email

daniel.cummins@mountsinai.org



#### Undergrad

University of Southern California  
Biomedical Engineering



#### Medical Degree

University of California San Francisco

#### Recognition and Awards

National Academy of Engineering Grand Challenges Scholar

UCSF School of Medicine Brain, Movement, and Behavior Award

#### Clinical and Academic Interests

- Neuromodulation
- Brain Mapping
- Enhanced Stroke Recovery



#### Chronic Sensing of Subthalamic Local Field Potentials

Frontiers in Neuroscience

#### The sensitivity of ECG contamination to surgical implantation site in brain computer interfaces

Brain Stimulation

#### Modeling Diversity in Structures of Bacterial Outer Membrane Lipids

Journal of Neuroimaging

#### CDKN2A alternations are associated with increased postoperative seizure risk after resection of brain metastases

Neurosurgical Focus

#### Hometown

Syracuse  
New York



#### Current Location

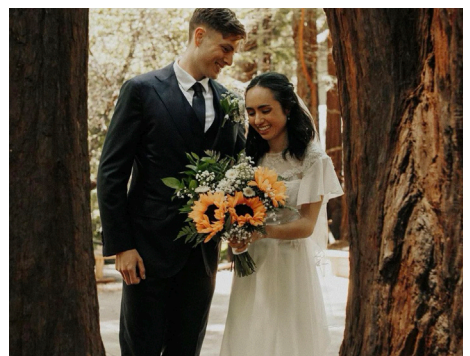
Upper East Side  
New York City

#### Languages

English, some French and Spanish

#### General Interests

- Running
- Lifting weights
- Visiting national parks
- Stand-up comedy



#### Favorite Activities

- Spending time with my wife, family, friends
- Writing
- Music
- Snorkeling and swimming at the beach

#### Favorite Things in New York

- Going to concerts and jazz clubs
- Exploring new neighborhoods
- Visiting Central Park
- Going to see live music

#### Future Goal

To combine the skills I gain as a neurosurgeon with my skills as an engineer in order to improve neurological function for patients. I aim to be a skillful surgeon, clinician, and innovator in order to both provide patients the best possible neurosurgical care as well as break boundaries in the care we are able to offer.

#### Guilty Pleasure

Drinking carbonated water every day



#### Favorite Movie

Forrest Gump  
Harry Potter

#### Favorite Book

1984  
Brave New World