

Neuroscience Faculty Survey

Thank you for agreeing to participate - please complete the survey below.

Gender: Male
 Female
 Non-identifying

Age (decade): 20's
 30's
 40's
 50's
 60's
 70's
 80's

Race: White
 Black
 American Indian/Alaska Native
 Asian
 Native Hawaiian/Pacific Islander
 Other
 Unknown

If other: _____

Ethnicity: Hispanic or Latino
 Not Hispanic or Latino
 Unknown

Number of years teaching any subject: _____

Number of years teaching neuroscience: _____

What course/courses do you usually teach? Please select all that apply, to the closest approximation:

- Introduction to Neuroscience
- Hormone and behavior
- Cellular/molecular neurobiology
- Behavioral neurobiology
- Research methodologies
- Learning and memory
- Advanced special topics (electives)
- Advanced research seminar

How many students have you advised/mentored in neuroscience? _____

What percent of your time is spent teaching? _____

What percent of your time is spent conducting research? _____

If time spent conducting research, what kind of research do you do?

- Basic neuroscience
- Clinical neuroscience
- Translational neuroscience
- Psychology
- Other

If other, please clarify:

What percent of your time is spent on administrative duties?

Other?

Have you ever shadowed a neurologist, neurosurgeon, or other relevant specialist in preparation for your neuroscience courses?

- Yes
- No

What kind of physician or specialist did you shadow?

- Neurologist
- Neurosurgeon
- Other relevant specialist

If other, please explain:

What is your familiarity/comfort level with clinical neurology?

- Not at all comfortable
- Not comfortable
- Neutral
- Comfortable
- Very comfortable

How do you define clinical neurology research?

Do any of your courses include a discussion about neurological conditions (Alzheimer's, Epilepsy, Migraine, Multiple Sclerosis, Parkinson's, Stroke, etc.)?

- Yes
- No

Do any of your courses include a discussion about the shortage of neurologists in the United States?

- Yes
- No

Do you teach about translational neurology research?

- Yes
- No

On a scale from 1-5, how comfortable are you in teaching about translational neurology research?

- Not at all Comfortable
- Not Comfortable
- Neutral
- Comfortable
- Very Comfortable

On a scale from 1-5, how comfortable are you teaching about neurologic conditions?

- Not at all Comfortable
- Not Comfortable
- Neutral
- Comfortable
- Very Comfortable

Are you aware of specific exposure opportunities for students in clinical neurology or clinical neurology research? Check all that apply:

- Shadowing a neurologist/ a clinician working in a neurology setting
- Volunteering with neurologic patients e.g. volunteering a home for people with dementia or stroke
- Research positions with an academic medical center
- Other

Have you had practicing neurologists or clinical neuroscientists visit and speak to students about their work?

- Yes
- No

Please describe:

If no, would you be open to doing so in the future?

- Yes
- No

How often do you discuss career options with your undergraduate neuroscience advisees/mentees?

- Not at all
- Not often
- Occasionally
- Frequently
- All the time

What have you noticed as the main barriers for your students towards finding clinical neurology research opportunities?

Do you have any connections with neurologists nearby for students to have a clinical neurology shadowing opportunity?

- Yes
- No

Does your department/program have a formal shadowing program in place with neurologists?

- Yes
- No

Are shadowing opportunities available on a student to student basis?

- Yes
- No

Do you have any connections with neurologists nearby for students to conduct clinical neurology research projects?

- Yes
- No

Does your department/program have a formal research program in place with neurologists?

- Yes
- No

Are research opportunities available on a student to student basis?

- Yes
- No

What have you noticed are the major setbacks that students pursuing a neuroscience major experience?

- Required neuroscience courses are too difficult
- Other required major courses too difficult (i.e. chemistry or physics courses outside of the neuroscience department)
- Challenging to envision career options with a neuroscience major
- Not wanting to attend a graduate program in order to find a career in neuroscience
- Other education/life challenges not specific to the neurology major
- Other

If other, please specify:

If you could give a neuroscience major undergraduate student a word of advice, what would it be?

At your institution, please check all that apply:

- There is a neuroscience major
- There is a neuroscience minor
- A capstone project is required of a neuroscience major
- A senior thesis is required of a neuroscience major

For how many years has your school offered this major?

Approximate number of majors per year?

For how many years has your school offered this minor?

Approximate number of minors per year?

What are the capstone project requirements?

What are senior thesis project requirements?

Do you allow students to conduct the following research types for their thesis/capstone project? Check all that apply:

- Clinical neurology research
- Basic science research (cells, mouse models),
- Radiologic research,
- Patient centered research, and/or epidemiologic research

What resources or programs would be helpful to you in incorporating more neurology into your neuroscience program? Select all that apply:

- List of neurology topics from accredited agency
- Connections with local neurologists
- Formal neurology shadowing or research programs for faculty to learn more about the field
- Formal neurology shadowing or research programs for undergraduate neuroscience students to learn more about the field
- Sample PowerPoint slides about different neurologic conditions and how they interfere with the human nervous system
- The ability to attend neurology conferences to learn about disease states
- Funding for sending students to neurology conferences
- Funding for students to take part in neurology research experiences
- No additional resources would be helpful

Type of institution (mark all that apply):

- Single sex
- Religiously affiliated (e.g. Jesuit, Catholic, Baptist, Methodist, Presbyterian)
- Historically Black College
- Hispanic Serving Institution
- Liberal Arts College
- Public Research University
- Private Research University
- Other

Please describe:

Location of institution:

- Northeast
- Southeast
- Midwest
- Southwest
- West (West coast + Northwest)

Area of your institution:

- Urban
- Suburban
- Rural

Approximately how many undergraduates attend your institution?

- < 5,000
- 5000-15,000
- >15,000

Please click here or enter the following URL into your browser to view resources for you and your students to learn about opportunities within the field of neurology, including internships, conferences, podcasts, subspecialty societies and neuroscience journals:

<https://neuroresources.weebly.com/>

To receive a letter of acknowledgement from the American Academy of Neurology (AAN) for completing this survey, please click on the following URL and follow prompted instructions:

https://aan.co1.qualtrics.com/jfe/form/SV_5c3w8nI0V2rvXud

If you are willing to distribute a related survey to undergraduate neuroscience students, please indicate so and provide your contact information:

- Yes
- No

Contact information (phone number and email):

Please put down your contact information if you would like to be contacted in the future about developing neurology programs for undergraduate students:
