AANP SURVEY RESULTS 2010

- Emailed to: 656 members
- Responses: 217 (33%)
What is the nature of your employment? (Choose the one best answer).

- Employee of an academic center OR employee of an academic school
- Physician scientist
- Clinical educator
- Adjunct professor (i.e., part-time affiliate)
- Other (please specify)

Do you have an academic appointment and, if so, what is your rank?

- Yes, professor
- Yes, associate professor
- Yes, assistant professor
- Yes, instructor
- No

If you are associated with or employed by an academic center, which of the following best describes your position?

- Physician scientist
- Clinical educator
- Adjunct professor (i.e., part-time affiliate)
- Other (please specify)

Are you board certified? If yes, check all that apply.

- Anatomic Pathology (AP)
- Clinical Pathology (CP)
- Neurology (NP)
- Hematology (HN)
- Other (please specify)
Do you limit your practice to any of the SPECIFIC AREAS IN NEUROPATHOLOGY listed below? If yes, please choose all that apply.

- 60.6%
- 19.9%
- 11.1%
- 24.5%
- 7.4%
- 4.6%
- 6.0%
- 4.6%

Do you practice in any area of pathology OTHER THAN NEUROPATHOLOGY? If yes, please choose all that apply.

- 48.8%
- 28.8%
- 24.9%
- 4.2%
- 6.6%
- 4.2%
- 6.1%
- 4.2%
- 8.5%

Do you hold any administrative roles within the department? If yes, please choose all that apply.

- 34.1%
- 31.3%
- 18.5%
- 10.4%
- 5.7%
- 5.7%

How many neuropathologists are there in your group/department?

- 5 or more: 18.2%
- 4: 15.8%
- 3: 11.8%
- 2: 25.1%
- 1: 29.1%
What percentage of your time is spent in the practice of diagnostic neuropathology (exclude teaching responsibilities)?

- >80%: 9.9%
- 51-80%: 18.3%
- 20-50%: 36.2%
- <20%: 29.1%
- None: 6.6%

What is the approximate number of nerve/muscle biopsies in your division per year?

- >1,000 (please specify approximate number): 1.9%
- Up to 1,000: 0.5%
- Up to 500: 10.4%
- Up to 250: 24.5%
- Up to 100: 12.3%
- <50: 22.6%
- None: 15.6%
- Don't know: 12.3%

What is the approximate number of surgical neuropathology specimens in your division per year?

- >1,000: 18.3%
- Up to 1,000: 13.1%
- Up to 500: 23.0%
- Up to 250: 16.0%
- Up to 100: 8.0%
- <50: 6.1%
- None: 5.6%
- Don't know: 9.9%

Are muscle and nerve biopsies evaluated by a neuropathologist in your pathology department? If not, please specify who evaluates them.

- Yes: 69.9%
- No; evaluated by a neurologist in our hospital/medical center: 8.3%
- No; sent out to a neuropathologist at another medical center: 8.3%
- No; sent out to a neurologist at another medical center: 2.4%
- Other (please specify): 11.2%
What is the approximate NUMBER OF AUTOPSIES INCLUDING CENTRAL AND/OR PERIPHERAL NERVOUS SYSTEM examination in your division per YEAR?

- > 1000: 1.4%
- Up to 1000: 2.8%
- Up to 500: 12.6%
- Up to 250: 35.5%
- Up to 100: 36.9%
- None: 3.3%
- Don't know: 7.5%

How many NEUROPATHOLOGY-RELATED FROZEN SECTIONS are there in your department per YEAR?

- > 1,000 (please specify approximate number): 1.9%
- Up to 1000: 5.7%
- Up to 500: 15.1%
- Up to 250: 29.2%
- Up to 100: 19.3%
- <50: 11.3%
- None: 8.5%
- Don't know: 9.0%

Who signs out MOST neuropathology specimens in your institution?

- General surgical pathologist(s) on-service: 3.8%
- Surgical pathologist(s) with special expertise in neuropathology: 5.2%
- Neuropathologist(s): 89.6%
- Other (please specify): 1.4%

Who signs out MOST neuropathology frozen sections during regular working hours?

- General surgical pathologist(s) on-service: 5.9%
- Surgical pathologist(s) with special expertise in neuropathology: 3.4%
- Neuropathologist(s): 83.3%
- Other (please specify): 7.4%
Who signs out MOST neuropathology frozen sections AFTER regular working hours?

- Neuropathologist(s): 62.4%
- Surgical pathologist(s) with special expertise in neuropathology: 3.4%
- General surgical pathologist(s) on-call: 22.9%
- Other (please specify): 11.2%

What kind of neuropathology consultations do you accept? (check all that apply)

- Neuropathology cases: 84.7%
- Molecular biology: 56.5%
- Brain biopsy cases: 52.6%
- Molecular pathology: 38.3%
- Medical-legal cases: 33.0%
- Other (please specify): 9.1%

Do you send some neuropathology specimens out for expert consultation?

- Never: 83.7%
- Occasionally: 8.1%
- Often: 2.9%
- Not applicable (not in diagnostic practice): 5.3%

Do you perform research?

- Yes: 75.9%
- No: 24.1%

What are your funding resources for your research?

- None: 15.3%
- From both sources: 46.6%
- From non-governmental sources: 16.6%
- From National Institutes of Health/vother governmental...: 21.5%
Is the time you spend doing research protected from clinical service demands?

- No: 45.4%
- Yes: 54.6%

What percentage of your time is spent in research?

- <25%: 46.6%
- 26-50%: 23.9%
- 51-75%: 17.8%
- >75%: 11.7%

What percentage of your time is spent per WEEK (on average) preparing for and presenting at Clinical Conferences (i.e., brain tumor board)

- Up to 10%: 70.6%
- Up to 25%: 14.5%
- Up to 50%: 0.0%
- Up to 75%: 0.0%
- >75%: 0.0%

Do you have laboratory space for your research?

- No: 30.9%
- Yes: 69.1%

Do you have laboratory technician(s) with part or all of their time devoted to research?

- No: 36.2%
- Yes: 63.8%

In what kind of patient care conferences do you participate? (Check all that apply)

- Brain tumor board: 65.6%
- Perioper (OA): 32.1%
- Epilepsy: 15.6%
- Musculoskeletal: 12.3%
- Other (please specify): 40.0%
What percentage of your time per MONTH (on average) do you spend giving and preparing neuropathology lectures for residents?

- Up to 10%: 21.5%
- Up to 25%: 8.3%
- Up to 50%: 8.3%
- Up to 75%: 0.9%
- > 75%: 0%

What is the average neuropathology rotation length?

- > 6 months: 1.0%
- 3-6 months: 0.5%
- 1-3 months: 27.5%
- 1 month: 42.2%
- 2 weeks: 4.9%
- 1 week: 0.5%
- Not applicable: 23.5%

Do residents do neuropathology rotations with you each year? If so, which of the following types of residents participate? (Check all that apply).

- Neurosurgery: 4.3%
- Psychiatry: 4.3%
- Neurology: 35.5%
- Pathology: 56.9%
- Other (please specify): 7.6%
- No residents rotate: 22.7%

What percentage of your time per MONTH (on average) do you spend giving and preparing neuropathology lectures for medical students?

- > 75%: 0.0%
- Up to 75%: 0.0%
- Up to 50%: 0.5%
- Up to 25%: 5.2%
- Up to 10%: 57.1%
- 0%: 37.3%

What is the average neuropathology rotation length?

- > 6 months: 1.0%
- 3-6 months: 0.5%
- 1-3 months: 27.5%
- 1 month: 42.2%
- 2 weeks: 4.9%
- 1 week: 0.5%
- Not applicable: 23.5%
Do you participate in any other educational administrative functions, either within or outside of your institution? (May choose more than one answer.)

- NO: 27.2%
- YES, within the department and/or institution (Medical college committees, residency committees, etc.): 64.3%
- YES, at a national level (CAP, USCAP, AANP, etc.): 33.3%

Do you participate in a ACGME-accredited Neuropathology fellowship program?

- YES: 35.4%
- NO: 64.6%

What year was the neuropathology program begun at your institution?

Answers ranged from: 1950s to 2010

How many fellows are trained in your program every year?

- Not applicable: 4.5%
- More than 3: 0.6%
- 3: 18.9%
- 2: 49.7%
- 1: 28.1%

How many neuropathologists participate in your fellowship program?

- Not applicable: 23.2%
- More than 4: 4.5%
- 4: 20.0%
- 3: 9.7%
- 2: 8.0%
- 1: 2.9%

Has your fellowship program ever not filled all of its positions?

- No: 23.2%
- Yes, due to lack of funding: 4.5%
- Yes, due to lack of acceptable applicants: 20.3%
- Yes, for another reason specified below: 3.4%
- Not applicable: 48.8%
### What are the most critical issues affecting neuropathology practice?

(Summary in no particular order)

- Lack of funding for research
- Diminishing resources and funding for Neuropathology faculty positions
- Difficulty in recruiting NP faculty
- Shortage of neuropathologists
- Attracting qualified & talented residents into NP fellowships
- Molecular diagnostics
- Guidance on how to work-up cases with attention to cost-containment issues.

### Do you have any specific concerns regarding recertification?

(Summary in no particular order)

- Testing should be at a practical level & tailored to the specific area of practice
- Keep grandfather clause
- Don’t make me travel to take the test
- How will the AP part of the recertification be handled?
- Uncertainty as to the requirements for recertification
- Many comments against the need for recertification

### How can the AANP assist you?

(Summary in no particular order)

- Provide a database of employment opportunities and a database of available candidates
- Provide a database of neuropathologists in practice with areas of expertise specified
- Create an on-line discussion group
- Provide more on-line education materials which are practice-related and practical
- Create a survey of salaries