

# UNIVERSITY OF MINNESOTA

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## **Surgical Pathology Fellowship**

The University of Minnesota Surgical Pathology Fellowship prepares trainees for independent sign-out and focuses on key subspecialty areas. The purpose of the fellowship is to prepare well-rounded pathologists with diagnostic expertise, communication and management skills who will become leaders in academia and community practice. Under guidance of subspecialized experts, fellows are granted gradual responsibility. State of the art ancillary laboratories expose the fellows to new diagnostic and prognostic studies. Academic activities are fostered; ample material, resources, and expert guidance are available for participation in research projects. Fellows are expected to partake in a translational research project, culminating in publication of an abstract or paper and/or presentation at a conference. The department sponsors fellows' travel to present their work in national meetings.

The AP division signs out approximately 70,000 surgical cases annually with emphasis on oncology and transplant pathology in a large tertiary care academic setting staffed by 22 subspecialized anatomic pathologists led by specialty directors with decades of experience. The division also shares the LIS/EMR with multiple community-based sister institutions and interacts with 12 other anatomic pathologists across the system, accounting for an overall volume exceeding 150,000 surgical cases annually.

Fellow rotations have been uniquely structured into a series of 2-month organ system blocks (mini-fellowships) to ensure learning focus and continuity. This experience will optimize opportunities for increasing skill levels in an organic manner, provide systematic knowledge building and expose fellows to majority of cases encountered in the specialty. The overall objective is to provide an ample framework for granting increasing clinical responsibility starting week 1 through to week 8 for each rotation. Additionally, to aid in this process, and to provide objective feedback, a QA module has been established in our LIS that will enable concordance tracking with faculty diagnosis and document progress in parallel with increasing responsibilities, rendering the transition to independent sign out seamless. The core sub-specialties include GU/Soft tissue Bone, Gyn/Breast, GI/Liver, and ENT/Thoracic. Additionally, elective months are available in Neuropathology, Pediatric Pathology, Renal Pathology, Cytopathology, Molecular Pathology, Dermatopathology, Hematopathology, Laboratory Informatics, Research and Frozen sections. The curriculum can be tailored to the fellow's interests and career goals with options to extend one or more core rotation blocks. In addition to extensive over-the-scope education, other educational opportunities include journal clubs, weekly didactics, tumor boards and a robust thrice weekly system-wide consensus case conference. The fellow will also be exposed to the department's Digital pathology infrastructure that boasts of a state-of-the-art high throughput Hamamatsu digital slide scanner integrated with Indica Labs' Halo suite for clinical, educational and research endeavors. There is no expectation for grossing specimens; however, opportunities are available if required.

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The program prides itself on a working environment of high camaraderie, personalized interactions, and flexibility, with a focus on trainee wellbeing and work-life balance. Both formal and informal mentorship are available for professional guidance and future career prospects that continue beyond the fellowship year. Graduates of this program have been consistently able to secure subsequent positions of their choosing.

The department also offers multiple other AP fellowships that include Gyn/Breast, GI/Liver, Cytopathology, Neuropathology and Molecular Pathology. The program will facilitate applications to multiple fellowships as required by the candidate.

### Program Highlights:

- Comprehensive training in all areas of surgical pathology in a large tertiary care center with customizable rotations
- Fellows order special studies (IHC, ISH, NGS, etc.) for case work-up
- Fellows receive comprehensive training in frozen section diagnosis in all subspecialties
- Fellows participate in Quality Assurance/Quality Improvement activities
- Numerous opportunities for translational research and teaching
- Fellows review consultation and referral cases
- Additional training opportunities in digital pathology, informatics and molecular pathology
- Fellows receive focused and individualized attention from subject experts in a collegial and friendly setting
- Flexible work schedule

### Benefits:

- Medical, dental, disability & life insurance
- 15 days of vacation, 7 days of sick time, 10 professional development days
- Book/study materials/conference fund
- Resident/Fellow workspace with Ping Pong table to foster well being and fitness

**For more information on requirements and how to apply, visit:**

<http://z.umn.edu/pathfellowapply>

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