

# PURDUE

U N I V E R S I T Y

Name of Institution: Purdue University			
Address: Department of Comparative Pathobiology <a href="http://www.vet.purdue.edu/cpb/">http://www.vet.purdue.edu/cpb/</a> Animal Disease Diagnostic Laboratory <a href="http://www.addl.purdue.edu/">http://www.addl.purdue.edu/</a> West Lafayette, IN 47907			
Program Coordinator(s) and email address(es): Anatomic Pathology: Margaret A. Miller, DVM, PhD; <a href="mailto:pegmiller@purdue.edu">pegmiller@purdue.edu</a> Clinical Pathology: Rose E. Raskin, DVM, PhD; <a href="mailto:rraskin@purdue.edu">rraskin@purdue.edu</a>			
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Prerequisites beyond DVM: GRE in the past 5 years			
Program	CP	AP	Combined MS/PhD
Program options	Yes	Yes	Yes; PhD depends on funding
Number of Full time residents	3	6	Additional positions on external funds
Typical # of years for completion	3	3	MS 3; PhD 5-6
Money to go to 1 meeting/year	Yes	Yes	Yes, presentation required
Money for books and supplies	No	No	Depends on funding source
Independent research/publications required for program completion?	Yes	Yes	Yes

## Anatomic Pathology

- Necropsy caseload: Small, 41%; Large, 41%; Exotic/Zoo, 13%; Lab Animals, 5%
- Specialty Rounds Opportunities (list): Teaching Hospital/Diagnostic Lab Histopathology rounds, neuropathology rounds, ophthalmology rounds
- Post-residency MS/PhD opportunities available: Yes
- Affiliations with a university, hospital, or cancer center: Yes
- Unique opportunities available (e.g. international work, zoological/aquarium work, wildlife, infectious diseases, foreign animal diseases, toxicology, etc.): Adjunct faculty from pharmaceutical industry (e.g., Covance and Eli Lilly Co) participate in seminar and other core courses to expose residents to toxicologic and laboratory animal pathology
- Other opportunities: AAVLD-accredited diagnostic laboratory setting provides diverse caseload and full diagnostic support (bacteriology, virology, serology, toxicology, and molecular diagnostics)

## Clinical Pathology

- Cytology Caseload: Small 85-90% Large 10-15% Exotic: Minimal
- Rounds: cytology rounds; clinical chemistry write-ups; teaching hospital histopathology rounds; journal club

- Post-residency MS/PhD opportunities available: Yes
- Affiliations with a university, hospital, or cancer center: Yes

**Required coursework for specific programs:**

<b>MS</b>	<b>PhD</b>	<b>Anatomic Pathology</b>	<b>Clinical Pathology</b>
Determined by graduate student and MS committee	Determined by graduate student and PhD committee	*Adv Vet Anat Path *Vet Path Seminar *Research Seminar Avian Pathology Lab Anim Pathology Carcinogenesis Cell Injury Immunology Infectious Diseases Inflammation Neoplastic Diseases Ultrastructural Path	*Adv Vet Clin Path *Vet Path Seminar *Research Seminar Biochemistry Carcinogenesis Cell Injury Immunology Infectious Diseases Inflammation Neoplastic Diseases Statistics Ultrastructural Path Special Topics in Histopathology

<b>Percentage of Time Spent in Activities</b>					
<b>Anatomic Pathology</b>	<b>Service</b>	<b>Teaching</b>	<b>Seminars/ Courses</b>	<b>Research</b>	<b>Other</b>
<b>Year 1</b> • Combined programs	50%	10%	30%	0%	10%
<b>Year 2</b> • Combined programs	25%	40%	25%	0%	10%
<b>Year 3</b> • Combined programs	50%	10%	25%	0%	15%
<b>Year 4+</b> • Combined programs					

Comments: Submission or publication of a manuscript is one requirement of the residency, so time spent on “other” activities may include literature review and/or research for an investigative study, case series, retrospective study, or case report. In the third year of the residency, additional time spent doing “other” activities may be targeted toward ACVP board exam preparation.

Percentage of Time Spent in Activities					
Clinical Pathology	Service	Teaching	Seminars/Courses	Research	Other
<b>Year 1</b> • Combined programs	40%	10%	40%	0%	10%
<b>Year 2</b> • Combined programs	50%	20%	20%	0%	10%
<b>Year 3</b> • Combined programs	50%	20%	20%	0%	10%
<b>Year 4+</b> • Combined programs					

**Comments:** Students may pursue PhD research interests with permission from advisors; however, this typically occurs within the third year. Other includes manuscript preparation for publication and board preparation time.

**Websites:**

<http://www.vet.purdue.edu/cpb/>

<http://www.addl.purdue.edu/>

Purdue University is a partner university in the National Institutes of Health's Comparative Molecular Pathology Graduate Partnership Training Program.