Acting Internship Description

Campus: Bismarck (Southwest)   **Department:** Pathology
Acting Internship Title: Pathology Acting Internship   **Course Number:** PATH 9110
Location of Acting Internship: Sanford – Bismarck, ND

Preceptor(s): Dr. K Arudra and pathologists at Sanford – Bismarck
Period(s) offered: All (Phase 3 ONLY)
Number of students per period: 1

Purpose: To provide advanced experience in pathology / clinical laboratory for Phase 3 students desiring an experience similar to PG-1 in pathology.

Objectives: **After completing the acting internship, the student will be able to**

1. Summarize the process of tissue processing from gross through slide review
   Competency 1.3

2. Execute pertinent chart review prior to slide review
   EPA #1; Competency 3.1

3. Execute slide review, prioritize findings and select a working diagnosis
   EPA #2; Competency 3.3

4. Demonstrate the ability to select additional testing, as required, for pathologic diagnosis
   EPA #3, #4; Competency 3.2

5. Execute documentation of findings in a timely fashion
   EPA #5; Competency 3.5, 3.7, 5.7

6. Choose to communicate findings with clinicians in an effective manner
   EPA #9, #6; Competency 4.2

7. Research a pathologic condition and summarize its clinical correlation
   EPA #7; Competency 1.3, 1.8

Specialty Specific Objectives: (These should be linked to EPAs and Year 4 Competencies which can be found at *https://med.und.edu/education-resources/phase3.html#Yr4O* under "*Overview & Objectives*")
Please include any procedures the student will be expected to perform.

1. Identify the features of various pathologic conditions as well as various inflammatory diseases
   EPA #7; Competency 2.2, 2.3

2. Identify and stain specimens for microscopic analysis
   EPA #3, #4; Competency 3.2

3. Classify the microscopic appearance of various types of carcinoma
   EPA #12; Competency 2.2

4. State the means by which to properly handle surgical specimens to afford accurate diagnoses
   EPA #13; Competency 1.3

5. Classify morphological findings in terms of etiology, pathogenesis and with respect to clinicopathologic correlations
   EPA #2, #3; Competency 2.1, 2.2, 2.3.

Instructional Activities: During this elective, the student will be involved in/experience:

1. In a step-by-step fashion, the student will learn how to process a specimen and evaluate macro- and microscopic features of pathologic conditions.

2. Learn various aspects of clinical laboratory medicine to include microscopic analysis of urine and blood samples.

3. Attend weekly tumor board.

4. Conduct a review of a pathologic condition of their choosing and give a short presentation regarding that condition.

Evaluation Methods: The preceptor will:

6. By direct observation, evaluate the student's ability to perform specimen processing *(Objectives #1-4, 11)*

7. By direct observation, verbal discussion, evaluate the student's selection, performance and interpretation of various special stains for histology. *(Objectives #4, 8, 9, 10)*

8. By direct observation, verbal discussion or review or written work, evaluate the student's ability to perform slide review, differential diagnosis and select a working diagnosis. (*Objectives #3-5, 7, 8, 10-12).*

9. By direct observation, evaluate the student's ability to interpret microscopic analysis of urine and blood samples. *(Objective #3,7,10)*

10. Observation of student's presentation on their chosen pathologic condition for discussion. *(Objective #11)*

11. By direct observation evaluate the student's ability to communicate effectively *(Objective #6)*

Assessment:

Evaluation methods #1-5 will be assessed using the Entrustability scale.

Level	Descriptor	Example
1	"I had to do"	Requires complete hands on guidance, did not do, or was not given the opportunity to do
2	"I had to talk them through"	Able to perform tasks but requires constant direction
3	"I had to prompt them from time to time"	Demonstrates some independence, but requires intermittent direction
4	"I need to be there in the room just in case"	Independence but unaware of risks and still requires supervision for safe practice
5	"I would not have needed to be there other than to fulfill regulatory requirements"	Complete independence, understand risks and performs safely, practice ready

This scale was adapted from the Ottawa surgical competency operating room evaluation (O-SCORE): A tool to assess surgical competence. Acad Med. 2012; 87:1401-407.

Please indicate below the method of assessment for the specialty specific evaluation methods.

1. Each of the following activities will be graded based upon the Entrustability scale by the pathologist who or in conjunction with histopathology technician and medical laboratory scientist who witnesses the activity:
   a. Specimen processing (activity 1)
   b. Specimen staining (activity 2)
   c. Slide review and working diagnosis (activity 3)
   d. Clinical laboratory work in hematology and microbiology
2. Activity #5 (presentation) will be graded on a pass/fail basis as determined by the preceptors in attendance.

Please indicate who will be completing the assessment. If more than one preceptor, how will scores be compiled?

- Each pathologist who observes 1 a-d done by the student for the purpose of evaluation will submit an Entrustability scale score.

- The Entrustability scale score for each activity above will count equally, with the final score being an average of all scores.

Grading Criteria:

To receive honors, the student must:

- Achieve an average Entrustability score of at least 4.0
- Completion of all activities listed under Assessment above
- Have no ratings of 2 or lower

To pass the AI, the student must:

- Achieve an average Entrustability score of at least 3.0
- Receive no assessment less than 2 in any specific item.
- Completion of all activities

If the student does not pass, remediation will consist of:

If a student fails an AI, the AI director and campus dean will work with the student to form a written remediation plan (signed by all 3) that specifically addresses the competencies that the student did not meet during the rotation. A copy of this plan will be sent to Student Affairs. In order to pass the AI, the student will be required to meet the original passing requirements. A student may not receive honors on an AI that was initially failed.