## Elective Clerkships

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<td>Respiratory Disease 610</td>
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</tbody>
</table>

Students should expect to travel to any of the sites they are assigned to, from Everett to Madigan (72.7mi), Soldotna to Cheyenne (3,255 mi), Montesano/Aberdeen to Billings (896 mi), and all sites in between.

Transportation is not provided and students are expected to commute between all WWAMI and Seattle sites, including students in the greater Seattle area Tacoma to Everett. There are clerkships where students are required to travel between sites during the week.

**CONJ 616 P-Prison/Corrections Medicine (* max 16)**

**Prerequisite:** Completion of 12 week required Internal Medicine clerkship. Fourth-year medical students. **Department permission required.**

**Site:** Coyote Ridge Corrections Center, Connell WA

**Administrative Contact:** Yolonda Virgili, 206-543-3237, ykv@uw.edu

**Course website:** https://catalyst.uw.edu/workspace/medelect/22022/

“The community of Connell is home to approximately 4200 people and is located in Central Washington in the fertile agricultural region near the Columbia River Basin. The Washington State Department of Corrections represents a significant economic role within the community and employs approximately 400 staff at the Coyote Ridge Correctional Facility, with a capacity to house 2468 offenders in a medium security facility. In addition to housing and activities within the community of Connell, nearby Othello or the Tri-Cities offer additional housing opportunities. Student vehicle transportation will be necessary.”

See Facility information: http://www.doc.wa.gov/facilities/prison/crcc/
See Community information: http://www.cityofconnell.com/
Goals and Objectives:
This elective is based in an all men’s prison in Connell, Washington. The student will see a wide variety of disease in a variety of outpatient settings, including urgent care, a chronic care clinic, and a long-term care facility for elderly and medically frail inmates. In addition to the management of chronic disease, the student will also have the option to learn common procedures including suturing, joint injections, skin biopsies, and toenail removals.

The student will be expected to give a short presentation to the providers (physicians and mid-levels) on a topic of his/her choosing relevant to correctional health care.

By the end of the rotation the student will be able to:

- Identify common diseases seen in a correctional setting and compare their frequency to that of the general population.
- Understand some of the obstacles to continuity of care in corrections and after release.
- Identify key public health issues addressed in correctional health care.
- Gain broader exposure to the impact of mental health and substance abuse on common health conditions.
- Understand the disease course and treatment options for Hepatitis C.
- Understand the impact of the aging of the offender population on correctional health care and the practice of geriatrics in a correctional setting.

Schedule:
Clinic runs from 8 am until 4 pm, Monday through Friday, closed Wednesday afternoons for meetings. The student will work with the supervising physician seeing patients in a variety of settings, including urgent/emergent visits, procedure clinics, a long term care facility (somewhat like a nursing home), and routine outpatient visits. Student will be supervised at all times but will be able to interview patients alone prior to presenting to physician as he or she feels comfortable. There will be some down time during staff meetings for independent study.

Evaluations:
Students are evaluated by all teaching faculty on assigned team(s) via electronic EValue Educator of Student evaluation using the PRIME evaluation method. Medicine Student Programs collates all evaluations to submit cumulative final evaluation submitted to registrar’s office.

**CONJ 617 P- Subinternship in Neurocritical Care Medicine (* max 16)**

**Prerequisite:** Completion of 12 week required Internal Medicine clerkship. Fourth-year medical students.

**Site:** HMC

**Administrative Contact:** Yolonda Virgili, 206-543-3237, ykv@uw.edu

**Course website:** [https://catalyst.uw.edu/workspace/medelect/22968/](https://catalyst.uw.edu/workspace/medelect/22968/)

Fourth year medical students will function at the sub-intern level on the Neuro-Critical Care Service (NCCS) at Harborview Medical Center. During the rotation, they will have direct patient care responsibilities through which they will learn about various forms of critical illness and how to apply different therapeutic and diagnostic modalities commonly used in critical care medicine.

**Learning Goals and Objectives:**
The primary goals of this rotation are as follows:

- To learn how to evaluate and manage patients with different forms of acute neurological critical illness including subarachnoid hemorrhage, traumatic brain injury, spinal cord injury, cerebral vasospasm, cerebral hypertension, seizure disorders, tumors, and disorders of sodium regulation
- To learn how to evaluate and manage patients with other common forms of critical illness including respiratory failure, hypertension, hypotension, sepsis, coagulopathy, and renal failure
- To learn how to protect patients from complications associated with stays in the intensive care unit
• To learn about the application of palliative care medicine principles in the intensive care unit setting.
• To learn to work as part of a multidisciplinary care team

At the end of this rotation, students should be able to:

• Recognize and understand various patterns of neurologic injury including subarachnoid hemorrhage, traumatic brain injury, cerebral hypertension, seizure, vasospasm, spinal cord injury and sodium dysregulation
• Understand principles of hypertensive, hypervolemic hemodilution therapy for cerebral vasospasm
• Understand principles of neurophysiologic monitoring, including intracranial pressure (ICP) monitor placement and interpretation, retrograde jugular venous catheter (SjO₂) placement and interpretation, Transcranial Dopplers
• Describe basic neuroanatomy and apply to interpretation of neuroimaging techniques
• Identify causes and treatment of acute respiratory failure
• Identify causes and treatment of hypotension and shock of varying causes
• Understand causes of disordered sodium balance and appropriate evaluation and treatment
• Identify common causes and sources of nosocomial infection in critically ill patients, and appropriate evaluation and antibiotic selection
• Initiate appropriate therapy for patients with acute hypertension
• Interpret intracranial pressure changes in the context of other data to assess appropriate therapy for patients with traumatic brain injury and other causes of cerebral edema
• Interpret Transcranial Doppler studies to determine the presence and severity of cerebral vasospasm in patients with aneurysmal subarachnoid hemorrhage
• Implement different methods of sedation for intubated and non-intubated patients.
• Interpret intracranial pressure changes in the context of other data to assess appropriate therapy for patients with traumatic brain injury and other causes of cerebral edema

Evaluation:
Students are evaluated by all teaching faculty on assigned team(s) via electronic EValue Educator of Student evaluation using the P/RIME evaluation method. Medicine Student Programs collates all evaluations to submit cumulative final evaluation submitted to registrar’s office.

CONJ 677 P-Clinical Allergy and Immunology (*, max 12)

Offered: AWSpS; 4 weeks full-time Seattle. Conjoint between Departments of Medicine and Pediatrics.

Prerequisite: Required 12 week Internal Medicine and six week Pediatrics clerkships.

Location: UWMC in Seattle, WA (one student per 4week rotation)
Boise Valley Asthma and Allergy in Boise, ID (by permission only – contact Yolonda Virgili for permission)

Administrative Contact: Yolonda Virgili, 206-543-3237, ykv@uw.edu

Transportation: Student must provide transportation to multiple clinical faculty sites from Everett to Tacoma, and Seattle to Issaquah and across Boise ID for the Boise rotation.

Course website: https://catalyst.uw.edu/workspace/medelect/22021/

Objectives:
At the end of the clerkship, the student will be able to:
• Diagnose the following disease states
  o Asthma,
  o Upper airway disorders – rhinitis, sinusitis, nasal polyps,
  o Anaphylaxis/anaphylactoid reactions,
  o Adverse drug reactions,
Adverse reactions to food/food additives,
- Stinging insect reactions,
- Urticaria/angioedema,
- Atopic dermatitis,
- Contact dermatitis,
- Primary & secondary immunodeficiencies,
- Other hypersensitivity disorders – allergic bronchopulmonary aspergillosis, hypersensitivity pneumonitis, disorders of occupational exposure, autoimmune disorders, ocular allergic diseases, mastocytosis, and eosinophilic disorders.

- Discuss the disease state, its epidemiology and pathophysiology based on current scientific knowledge of asthma and other allergic diseases,
- Differentiate other diagnoses,
- Identify appropriate elements of the history and physical examination and laboratory testing in patient evaluation,
- Formulate a program of management and revise as patients are seen in continued care,
- Identify complications either caused by the disease state or its management,
- Discuss appropriate procedural skills including immediate and delayed hypersensitivity skin testing, allergen immunotherapy, drug desensitization, pulmonary function testing, and intravenous immunoglobulin therapy.

Schedule: There is time available for elective assignments in the research laboratories of the Allergy Section or in private offices of the clinical faculty.

Conferences: Allergy & Immunology Journal Club, conferences and hospital consultations on clinical immunology and allergy. Students may elect a flexible program emphasizing adult or pediatric allergy in the outpatient clinics (UW, Seattle Children’s Hospital, or Madigan Army Medical Center).

Presentations: Clinical conference presentations at Allergy and Immunology clinics.

Readings/texts: Middleton’s Allergy: Principles and Practice, 2003
http://www.jacionline.org/article/PIIS0091674906000248/fulltext

Evaluation:
Students are evaluated by all teaching faculty on assigned team(s) via electronic EValue Educator of Student evaluation using the P/RIME evaluation method. Medicine Student Programs collates all evaluations to submit cumulative final evaluation submitted to registrar’s office.

MED 600 P-Independent Study or Research (* max 12)
Offered: AWSpS; Variable credit, full-time.
Prerequisite: Completion of 12 weeks required Internal Medicine clerkship. Fourth-year medical students. Permission of instructor and department.
Administrative Contact: Angie Wick angwick@uw.edu

Objective:
Conduct a thorough, independent scholarly investigation of a specific issue or question related to medicine, health care delivery, preventive medicine, public health, or other medical inquiry with an emphasis on process rather than outcome.

Description of learning activities:
The purpose of this course is to facilitate and permit independent study and/or research by a medical student as part of their medical education. Acceptable projects should be related to the study of medicine, health care delivery, illness and injury prevention or other medical inquiry not available elsewhere in the medical school curriculum. The project should address a specific issue or question. The project should promote individual, self directed and creative scholarly activity with appropriate supervision and oversight.
Students are responsible for recruiting a faculty sponsor. A research proposal is required to be completed and approved by the faculty sponsor and Medical Student Programs, prior to registration through MyUW. Completion of the project must be completed within quarter registered unless personal or medical emergency. Projects left incomplete twelve weeks after registration end-date will result in a final grade of failure unless arrangements have been made with the Department.

**Evaluation:** Project is graded Pass/Fail.

**MEDECK 603 P- Clinical Cardiology and Electrocardiography Seattle (8)**

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<tr>
<th>Offered:</th>
<th>AWSpS; 4 weeks full-time.</th>
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<tr>
<td>Prerequisite:</td>
<td>Required 12 week Internal Medicine clerkship</td>
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<tr>
<td>Location:</td>
<td>UWMC – Cardiology, HMC – Cardiology, VA Medical Center Seattle –Cardiology</td>
</tr>
<tr>
<td>Administrative Contact:</td>
<td>Yolonda Virgili, 206-543-3237, <a href="mailto:ykv@uw.edu">ykv@uw.edu</a></td>
</tr>
<tr>
<td>Course website:</td>
<td><a href="https://catalyst.uw.edu/workspace/medelect/21919/">https://catalyst.uw.edu/workspace/medelect/21919/</a></td>
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**Objectives:**

At the end of the clerkship, the student will be able to:

- Conduct a focused cardiovascular history,
- Perform a complete cardiovascular examination,
- Determine the relative value of cardiovascular testing (such as stress testing, echocardiography, heart catheterization, and electrophysiology study),
- Read and interpret electrocardiograms
- Discuss the utility and limitations of the surface ECG.

**Description of learning activities:**

Third- and fourth-year students at UWMC work closely with the cardiology fellow and attending with daily teaching rounds as well as didactic teaching sessions. The students see new and follow up consultations and follow their patients throughout their active cardiac issue. A focus is placed on ECG interpretation. There is opportunity to observe cardiac echo, catheterization and coronary intervention and electrophysiology procedures. There is also opportunity to examine patients scheduled for catheterization or echocardiography, thereby increasing their knowledge of cardiovascular examination.

Third- and fourth-year students. At HMC, the clerkship is intended to orient the student to the basics of cardiology. The students see consultations and present the cases to the residents and the attending physician. Rounds are didactic in nature but also cover practical care in cardiology problems. Students attend work rounds in the coronary care unit and participate in attending teaching rounds 3 times weekly with the cardiology house staff team. Students are expected to gain insight into the utility of several noninvasive and invasive diagnostic methods, with opportunities to observe echo and cath lab procedures. Each student reads a number of electrocardiograms per day with a daily ECG review session. Cardiology teaching conferences are held weekly.

Third- and fourth-year medical students at the Seattle VA see cardiology consults and participate in the evaluation of hospitalized patients with active cardiovascular problems, follow patients on the medical wards and CCU, participate in electrical cardioversions and exercise tolerance tests and read ECG’s nightly. Opportunity to review cardiac catheterization data and coronary arteriograms and echocardiograms is also available. Ward and CCU rounds are held daily at the bedside. There are numerous teaching conferences and involvement in both invasive and non-invasive diagnostic procedures.

**Schedule:**
The daily schedule is determined by the attending faculty cardiologist, but includes rounds with the cardiology fellow, rounds with the cardiology attending, and review of ECGs. Didactic sessions are also provided.

**UWMC:** Monday-Friday 8:00 am - 5:00 pm
The daily schedule includes rounds with the Cardiology team (residents, fellow and attending) in the coronary care unit, teaching sessions, patient evaluations and consult rounds in the afternoons. No call.

**HMC:** Daily 7:30 am - 5:00 daily
The daily schedule includes rounds with the Cardiology team (residents, fellow and attending) in the coronary care unit, teaching sessions, patient evaluations and consult rounds in the afternoons. No call.

**VA:** Monday-Friday 8:00 am - 5:00 pm
No call.

<table>
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<tr>
<th>Conferences:</th>
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<tr>
<td><strong>UWMC:</strong> Wednesday 7:30 - 8:30 am Cardiology/Cardiothoracic Cath Conference</td>
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<tr>
<td>Friday 7:30 - 8:30 am Cardiology Grand Rounds</td>
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<tr>
<td><strong>HMC</strong> Friday 7:30 - 8:30 am Cardiology Grand Rounds held at UWMC</td>
</tr>
<tr>
<td>Friday 12:30 - 1:30 pm Harborview Cardiology Noon Conference</td>
</tr>
<tr>
<td><strong>VA:</strong> Tuesday 11:15 am -12:30 pm Chief of Medicine Rounds</td>
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<tr>
<td>Friday 11:15 am -12:30 pm Cardiology Case Conference</td>
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</tbody>
</table>

**Presentations:** None scheduled.

**Readings/texts:**
Hurst’s The Heart, 11th Edition, Fuster et al.
Heart Disease, 8th Edition, Braunwald et al.
Manual of Clinical Problems in Cardiology, Hillis et al.
ECG Syllabus by Gary Martin and Eric Feigle (HuBio 540), UW Bookstore.

**Evaluation:**
Students are evaluated by all teaching faculty on assigned team(s) via electronic EValue Educator of Student evaluation using the P/RIME evaluation method. Medicine Student Programs collates all evaluations to submit cumulative final evaluation submitted to registrar’s office.

**MEDECK 626 P - Clinical Cardiology and Electrocardiography Tacoma (8)**

**Offered:** AWSpS; 4 weeks full-time.

**Prerequisite:** Required 12 week Internal Medicine clerkship

**Location:** Madigan Army Medical Center - Cardiology

**Administrative Contact:** Yolonda Virgili, 206-543-3237, ykv@uw.edu

**Course website:** https://catalyst.uw.edu/workspace/medelect/21937/

**Objectives**
At the end of the clerkship, the student will be able to:
- Conduct a focused cardiovascular history,
- Perform a complete cardiovascular examination,
- Determine the relative value of cardiovascular testing (such as stress testing, echocardiography, heart catheterization, and electrophysiology study),
- Read and interpret electrocardiograms
- Discuss the utility and limitations of the surface ECG.

**Description of learning activities:**
At Madigan, students assist in primary patient management and participate in daily rounds, teaching conferences, ECG interpretation, and orientation in both invasive and non-invasive diagnostic procedures. Students are expected to be on-call while on this rotation.

**Schedule:**

<table>
<thead>
<tr>
<th>Madigan</th>
<th>Daily</th>
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<tbody>
<tr>
<td></td>
<td>The daily schedule consists of pre-rounds on assigned patients followed by team rounds with the cardiology inpatient service from 7:00 - 8:30 am. Students will then participate in or observe a mixture of diagnostic procedures (i.e. GXT, cardiac catheterization, echocardiography). The inpatient service will consist of two residents, two interns, and 1-2 cardiology staff physicians. Students will be responsible for daily notes and discharge summaries on their assigned patients. Didactic teaching sessions will also be provided.</td>
</tr>
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**Madigan:** The daily schedule consists of pre-rounds on assigned patients followed by team rounds with the cardiology inpatient service from 7:00 - 8:30 am. Students will then participate in or observe a mixture of diagnostic procedures (i.e. GXT, cardiac catheterization, echocardiography). The inpatient service will consist of two residents, two interns, and 1-2 cardiology staff physicians. Students will be responsible for daily notes and discharge summaries on their assigned patients. Didactic teaching sessions will also be provided.

**Conferences:**

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<thead>
<tr>
<th>Madigan</th>
<th>Tuesday</th>
<th>12:00 - 1:00 pm</th>
<th>Teaching conference</th>
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<tr>
<td>Daily</td>
<td>8:00 - 9:00 am</td>
<td>Morning lecture</td>
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**Readings/texts:**
*Heart Disease*, 8th Edition, Braunwald et al.
*ECG Syllabus* by Gary Martin and Eric Feigle (HuBio 540), UW Bookstore.

**Evaluation:**
Students are evaluated by all teaching faculty on assigned team(s) via electronic EValue Educator of Student evaluation using the P/RIME evaluation method. Medicine Student Programs collates all evaluations to submit cumulative final evaluation submitted to registrar’s office.

**MEDECK 633 P- Clinical Cardiology and Electrocardiography Washington (8)**

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<thead>
<tr>
<th>Offered</th>
<th>AWSpS; 4 weeks full-time.</th>
</tr>
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<tbody>
<tr>
<td>Prerequisite: Required 12 week Internal Medicine clerkship</td>
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<tr>
<td>Location: Sacred Heart Medical Center, Spokane WA</td>
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<tr>
<td>Administrative Contact : Yolonda Virgili, 206-543-3237, <a href="mailto:ykv@uw.edu">ykv@uw.edu</a></td>
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</table>

TOP
Objectives:
At the end of the clerkship, the student will be able to:
- Conduct a focused cardiovascular history,
- Perform a complete cardiovascular examination,
- Determine the relative value of cardiovascular testing (such as stress testing, echocardiography, heart catheterization, and electrophysiology study),
- Read and interpret electrocardiograms
- Discuss the utility and limitations of the surface ECG.

Description of learning activities:
At Madigan, students assist in primary patient management and participate in daily rounds, teaching conferences, ECG interpretation, and orientation in both invasive and non-invasive diagnostic procedures. Students are expected to be on-call while on this rotation. Idaho students will work at one of 3 Idaho Cardiology clinic sites in Boise, Meridian or Caldwell doing consults, seeing outpatients and working directly with the attendings. Students read EKG’s daily, supervise ECG’s and become familiar with echocardiograms. Time is spent at the clinic, in the hospital and the cath lab.

Schedule:

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Madigan: The daily schedule consists of pre-rounds on assigned patients followed by team rounds with the cardiology inpatient service from 7:00 - 8:30 am. Students will then participate in or observe a mixture of diagnostic procedures (i.e. GXT, cardiac catheterization, echocardiography). The inpatient service will consist of two residents, two interns, and 1-2 cardiology staff physicians. Students will be responsible for daily notes and discharge summaries on their assigned patients. Didactic teaching sessions will also be provided.

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Presentations: None scheduled.

Readings/texts:
- Heart Disease, 8th Edition, Braunwald et al.
- ECG Syllabus by Gary Martin and Eric Feigle (HuBio 540), UW Bookstore.

Evaluation:
Students are evaluated by all teaching faculty on assigned team(s) via electronic EValue Educator of
Student evaluation using the PRIME evaluation method. Medicine Student Programs collates all
evaluations to submit cumulative final evaluation submitted to registrar’s office.

<table>
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<tr>
<th>MEDECK 640 P- Critical Care Medicine Subinternship (8)</th>
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<tr>
<td><strong>Offered:</strong> By permission only – contact Yolonda Virgili</td>
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<tr>
<td><strong>Prerequisite:</strong> No adds or drops within six weeks. Required 12 week Internal Medicine clerkship and fourth year medical student standing. Students requesting to drop rotation must have replacement student for their slot.</td>
</tr>
<tr>
<td><strong>Administrative Contact:</strong> Yolonda Virgili, 206-543-3237, <a href="mailto:ykv@uw.edu">ykv@uw.edu</a></td>
</tr>
<tr>
<td><strong>Clerkship Sites:</strong> Internal Medicine Residency Program at Sacred Heart Medical Center, Spokane</td>
</tr>
<tr>
<td><strong>Course website:</strong> <a href="https://catalyst.uw.edu/workspace/medelect/21947/134576">https://catalyst.uw.edu/workspace/medelect/21947/134576</a></td>
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</table>

**Clerkship Overview**

Fourth year medical students will function at the sub-intern level on the Intensive Care Unit (ICU) service at Sacred Heart Medical Center. During the rotation, they will have direct patient care responsibilities through which they will learn about various forms of critical illness and how to apply different therapeutic and diagnostic modalities commonly used in critical care medicine.

**Learning Goals and Objectives**
The primary goals of this rotation are as follows:

- To learn how to evaluate and manage patients with different forms of critical illness including respiratory failure, hypotension, sepsis, organ failure and gastrointestinal hemorrhage
- To learn how to initiate and manage invasive and non-invasive modes of mechanical ventilation
- To learn how to interpret and apply the results of arterial blood gas analysis
- To learn how to protect patients from complications associated with stays in the intensive care unit
- To learn about the application of palliative care medicine principles in the intensive care unit setting.
- To learn to work as part of a multidisciplinary care team

At the end of this rotation, students should be able to:

- Evaluate and manage patients with various forms of respiratory failure including COPD and asthma exacerbations, pneumonia, acute respiratory distress syndrome and pulmonary edema
- Evaluate and manage patients with sepsis and severe life-threatening infections
- Evaluate and manage patients with severe organ failure including renal, hepatic and coagulation failure
- Evaluate and manage patients with gastrointestinal hemorrhage
- Evaluate and manage patients with severe hypotension
- Evaluate and manage patients with severe metabolic and endocrinologic disturbances
- Initiate appropriate empiric antibiotic coverage for patients with severe infections
- Initiate and titrate vaso-active medications
- Initiate, manage and discontinue both invasive and non-invasive modes of mechanical ventilation.
- Interpret arterial blood gases and apply this information in the care of patients
- Initiate appropriate measures to prevent complications associated with ICU care
- Apply the principles of palliative care medicine to patients in the intensive care unit
- Understand the risks and benefits of invasive procedures used in the ICU

**Structure of the Rotation**
The ICU service at Sacred Heart Medical Center consists of an attending physician, one senior resident and two interns. The sub-intern will work an average of less than 80 hours per week during the rotation and will have a total of 4 days off per month. The specific days off will be determined at the start of the rotation. On workdays, the sub-intern will be expected to arrive at a time that will allow them to adequately
pre-round on all of their patients before the morning work rounds with attending. The workday will conclude when they have completed their work on all of their patients and have signed out with the senior resident and/or attending physician. Sub-interns may be asked to assist with the care of other patients as part of the team’s work.

**MEDECK 653 P- Clinical Cardiology and Electrocardiography Alaska (8)**

**Offered:** AWP; 4 weeks full-time.

**Prerequisite:** Required 12 week Internal Medicine clerkship

**Location:** Alaska Heart Institute, Anchorage AK

**Administrative Contact:** Yolonda Virgili, 206-543-3237, ykv@uw.edu

**Course website:** https://catalyst.uw.edu/workspace/medelect/21950/134601

**Objectives:**

*At the end of the clerkship, the student will be able to:*

- Conduct a focused cardiovascular history,
- Perform a complete cardiovascular examination,
- Determine the relative value of cardiovascular testing (such as stress testing, echocardiography, heart catheterization, and electrophysiology study),
- Read and interpret electrocardiograms
- Discuss the utility and limitations of the surface ECG.

**Readings/texts:**


*Heart Disease, 8th Edition, Braunwald et al.*


*ECG Syllabus* by Gary Martin and Eric Feigle (HuBio 540), UW Bookstore.


**Evaluation:**

Students are evaluated by all teaching faculty on assigned team(s) via electronic EValue Educator of Student evaluation using the P/RIME evaluation method. Medicine Student Programs collates all evaluations to submit cumulative final evaluation submitted to registrar’s office.

**MEDECK 673 P- Clinical Cardiology and Electrocardiography Idaho (8)**

**Offered:** AWSpS; 4 weeks full-time.

**Prerequisite:** Required 12 week Internal Medicine clerkship and permission from department

**Location:** Idaho Heart Care, Boise, ID

**Administrative Contact:** Yolonda Virgili, 206-543-3237, ykv@uw.edu

**Course website:** https://catalyst.uw.edu/workspace/medelect/21955/

**Objectives:**

*At the end of the clerkship, the student will be able to:*

- Conduct a focused cardiovascular history,
- Perform a complete cardiovascular examination,
- Determine the relative value of cardiovascular testing (such as stress testing, echocardiography, heart catheterization, and electrophysiology study),
- Read and interpret electrocardiograms
- Discuss the utility and limitations of the surface ECG.

**Readings/texts:**


*Heart Disease, 8th Edition, Braunwald et al.*
Evaluation:
Students are evaluated by all teaching faculty on assigned team(s) via electronic EValue Educator of Student evaluation using the P/RIME evaluation method. Medicine Student Programs collates all evaluations to submit cumulative final evaluation submitted to registrar's office.

**MEDECK 620 P- Critical Care Medicine Subinternship (8)**

**Offered:** AWSpS, 4 weeks full time

**Prerequisite:** No adds or drops within six weeks. Required 12 week Internal Medicine clerkship and fourth year medical student standing. Students requesting to drop rotation must have replacement student for their slot.

**Administrative Contact:** Yolonda Virgili, 206-543-3237, ykv@uw.edu

**Clerkship Sites:** HMC and UWMC

**Course website:** [https://catalyst.uw.edu/workspace/medelect/21936/](https://catalyst.uw.edu/workspace/medelect/21936/)

**Goals:**
- To learn how to evaluate and manage patients with different forms of critical illness including respiratory failure, hypotension, sepsis, organ failure and gastrointestinal hemorrhage
- To learn how to initiate and manage invasive and non-invasive modes of mechanical ventilation
- To learn how to interpret and apply the results of arterial blood gas analysis
- To learn how to protect patients from complications associated with stays in the intensive care unit
- To learn about the application of palliative care medicine principles in the intensive care unit setting.
- To learn to work as part of a multidisciplinary care team

**Objectives:**
At the end of the clerkship, the student will be able to:

- Evaluate and manage patients with various forms of respiratory failure including COPD and asthma exacerbations, pneumonia, acute respiratory distress syndrome and pulmonary edema
- Evaluate and manage patients with sepsis and severe life-threatening infections
- Evaluate and manage patients with severe organ failure including renal, hepatic and coagulation failure
- Evaluate and manage patients with gastrointestinal hemorrhage
- Evaluate and manage patients with severe hypotension
- Evaluate and manage patients with severe metabolic and endocrinologic disturbances
- Initiate appropriate empiric antibiotic coverage for patients with severe infections
- Initiate and titrate vaso-active medications
- Initiate and manage both invasive and non-invasive modes of mechanical ventilation.
- Interpret arterial blood gases and apply this information in the care of patients
- Initiate appropriate measures to prevent complications associated with ICU care
- Apply the principles of palliative care medicine to patients in the intensive care unit

**Schedule:** 7:30 am – 5:00PM Sign out rounds. Overnight call every fourth night.

**Presentations:**
Students are expected to write all admission and daily progress on their patients and to communicate with consultants and other providers that are part of the multidisciplinary MICU team

**Readings/texts:**
There is no required reading for the clerkship. Sub-interns are, however, expected to read materials relevant to the care of their patients and other patients on the service as time permits during their rotation. Available sources of reading materials include:

- The MICU team has a small library maintained by the Section of Pulmonary and Critical Care Medicine located in the MICU team room. There is also a hospital library available 24 hours a day. The Division syllabus containing selected articles relevant to the rotation is maintained there.

- Electronic Syllabi: Two electronic syllabi are available for use by the sub-intern. Each syllabus contains a variety of primary research and review articles pertinent to pulmonary and critical care medicine

- Students may also access the website that has been created for Medicine 683, the 4th year student clerkship in Pulmonary Medicine which contains a large volume of teaching materials relevant to critical care medicine. The URL for this website is: https://courses.washington.edu/med683/index.html

- Suggested Textbooks:
  - Principles of Critical Care, 3rd Edition: Hall JB, Schmidt GA and Wood LDH eds. New York: McGraw-Hill. 2005. This is a large comprehensive textbook that is good for looking up specific topics. It is too expensive to consider purchasing for this rotation but is available in the MICU team room.
  - The Intensive Care Unit Manual. Lanken PN, Hanson W, Manaker eds. Philadelphia: W.B. Saunders. 2001. This is a much smaller textbook and something that is worth considering for purchase. It is an excellent source of condensed information about a wide range of critical care medicine topics. A copy is also available in the MICU team room.

Evaluation:
Students are evaluated by all teaching faculty on assigned team(s) via electronic EValue Educator of Student evaluation using the PRIME evaluation method. Medicine Student Programs collates all evaluations to submit cumulative final evaluation submitted to registrar's office.

HARBORVIEW MEDICAL CENTER
Description of learning experiences
Fourth year medical students will function at the sub-intern level on the Medical Intensive Care Unit (MICU) service at Harborview Medical Center. During the rotation, they will have direct patient care responsibilities through which they will learn about various forms of critical illness and how to apply different therapeutic and diagnostic modalities commonly used in critical care medicine.

The MICU service at Harborview Medical Center consists of an attending physician, pulmonary and critical care fellow, 4 senior residents and 4 interns. The sub-intern will be paired up with one of the senior residents and will take call with that resident and their corresponding intern on an every 4th night basis. The sub-intern will work an average of less than 80 hours per week during the rotation and will have a total of 4 days off per month. The specific days off will be determined at the start of the rotation. On workdays, the sub-intern will be expected to arrive at a time that will allow them to adequately pre-round on all of their patients before the morning didactic sessions. The workday will conclude when they have completed their work on all of their patients and have signed out with the pulmonary fellow and/or attending physician. Sub-interns may be asked to assist with the care of other patients as part of the team’s work covering for residents and interns who have the day off or as part of an effort to get the post-call team out of the hospital but all such requests are at the discretion of the attending or fellow on the
service. On call nights, the sub-intern will adhere to the same work-hour requirements as the resident and intern and will not work more than 30 consecutive hours at a time.

A Cautionary Word About Work in the ICU
The patients on the medical ICU service are some of the sickest patients in the hospital and likely some of the most complex and severely ill patients you will encounter at any stage of your medical school training. Caring for patients on this service is very demanding and requires a high level of attention to detail, the ability to think on one’s feet and the ability to organize, synthesize and present a complex array of data in a concise manner. You will have adequate support from your residents and fellows on this rotation and our goal is to help you improve your skills in these areas. Nevertheless this can be a stressful and demanding rotation.

Conferences:
- Case discussion and review: The sub-intern will review all admissions with their senior resident and will review the care of all of their patients with the fellow and attending physician on a daily basis.
- Work rounds: Bedside teaching occurs daily on work rounds with the volume of teaching varying based on the current workload on the service.
- Didactics: Attending rounds take place 3 days per week (Monday, Tuesday, Thursday) from 8:00 to 8:30AM. Palliative care / Death rounds generally occur on Fridays at 8:00AM. If rounds have finished by 10:00 AM, sub-interns may also attend Morning Report on Mondays, Tuesdays, Wednesdays and Fridays from 10:00 to 11:00AM. Finally, the sub-intern is expected to attend noon conferences that occur on a daily basis

UNIVERSITY OF WASHINGTON MEDICAL CENTER
Description of learning experiences
Fourth year medical students will function at the sub-intern level on the Medical Intensive Care Unit (MICU) service at the University of Washington Medical Center. During the rotation, they will have direct patient care responsibilities through which they will learn about various forms of critical illness and how to apply different therapeutic and diagnostic modalities commonly used in critical care medicine.

The UWMC ICU is one of the highest acuity intensive care units in the entire WWAMI region. The patient population not only includes patients from the surrounding community but also a large number of complex patients cared for by specialty providers at the University of Washington as well as a large number of very sick patients transferred in from institutions throughout the WWAMI region due to the severity and/or uniqueness of their illness. In addition to treating patients with severe illnesses common to many medical intensive care units, providers in the UWMC ICU also take care of various types of solid organ transplant patients as well as very ill obstetrics patients, two patient populations that are not seen in most community hospital intensive care units.

The MICU service at the University of Washington Medical Center consists of an attending physician, pulmonary and critical care fellow, 4 senior residents and 4 interns. The sub-intern will be paired up with one of the senior residents and will take call with that resident and their corresponding intern on an every 4th night basis. The sub-intern will work an average of less than 80 hours per week during the rotation and will have a total of 4 days off per month. The specific days off will be determined at the start of the rotation. On workdays, the sub-intern will be expected to arrive at a time that will allow them to adequately pre-round on all of their patients before the morning didactic sessions. The workday will conclude when they have completed their work on all of their patients and have signed out with the pulmonary fellow and/or attending physician. Sub-interns may be asked to assist with the care of other patients as part of the team’s work covering for residents and interns who have the day off or as part of an effort to get the post-call team out of the hospital but all such requests are at the discretion of the attending or fellow on the service. On call nights, the sub-intern will adhere to the same work-hour requirements as the resident and intern and will not work more than 30 consecutive hours at a time.
A Cautionary Word About Work in the ICU

The patients on the medical ICU service are some of the sickest patients in the hospital and likely some of the most complex and severely ill patients you will encounter at any stage of your medical school training. Caring for patients on this service is very demanding and requires a high level of attention to detail, the ability to think on one's feet and the ability to organize, synthesize and present a complex array of data in a concise manner. You will have adequate support from your residents and fellows on this rotation and our goal is to help you improve your skills in these areas. Nevertheless this can be a stressful and demanding rotation.

Conferences:
• Case discussion and review: The sub-intern will review all admissions with their senior resident and will review the care of all of their patients with the fellow and attending physician on a daily basis.

• Work rounds: Bedside teaching occurs daily on work rounds with the volume of teaching varying based on the current workload on the service.

• Didactics: Students will receive bedside teaching during morning rounds. Didactic sessions are also held 4 days per week provided the patient census and workload allow time for such teaching. Students are also able to attend the noontime lectures for the Department of Medicine and the Internal Medicine Residency Program.

MEDECK 604 P- Clinical Dermatology Seattle (8)

Offered: AWSpS; 4 weeks full-time.

Prerequisite: Required 12 week Internal Medicine Clerkship.

Administrative Contact: Yolonda Virgili, 206-543-3237, ykv@uw.edu

Clerkship Sites: Students register for “Seattle DERM” and will be assigned to specific site(s) by the department coordinator approximately six weeks prior to the start date of the rotation, site scheduling is based on faculty schedule and patient load. Students may be assigned to UWMC, HMC, VA Medical Center Seattle, Seattle Children’s Hospital, Seattle Cancer Care Alliance

Course website: https://catalyst.uw.edu/workspace/medelect/21920/

Objectives:
At the end of the clerkship, the student will be able to:
• Use the language of dermatology to effectively and accurately describe skin conditions or lesions.
• Demonstrate focused history-taking, physical examination, and oral and written presentations suitable for the skin.
• Outline a basic approach to the diagnosis and management of common skin conditions including atopic dermatitis, psoriasis, and seborrheic dermatitis.
• Apply the basic principles and practice of oral and topical dermatologic therapy including the appropriate use of emollients, topical steroids, antipruritic therapies, and systemic immunosuppressants.
• Correctly identify common skin tumors such as basal cell carcinoma, squamous cell carcinoma, and melanoma; outline basic management plans including the method of biopsy, appropriate surgical management, and patient follow up intervals.
• Recognize potentially life-threatening skin diseases such as serious drug eruptions, toxic epidermal necrolysis, and autoimmune blistering disorders.
• Successfully demonstrate essential dermatologic diagnostic procedures including KOH examination, scabies prep, shave biopsy, and punch biopsy of the skin.

Readings/Texts:
Required: Wolff and Johnson “Fitzpatrick’s Color Atlas & Synopsis of Clinical Dermatology”

Evaluation:
Students are evaluated by all teaching faculty on assigned team(s) via electronic EValue Educator of
Student evaluation using the P/RIME evaluation method. Medicine Student Programs collates all
evaluations to submit cumulative final evaluation submitted to registrar’s office.

**MEDECK 634 P- Clinical Dermatology Washington (8)**

<table>
<thead>
<tr>
<th>Offered:</th>
<th>AWSpS; 4 weeks full-time by permission only, contact Yolonda Virgili for permission.</th>
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<tbody>
<tr>
<td>Prerequisite:</td>
<td>Required 12 week Internal Medicine Clerkship and permission from department</td>
</tr>
<tr>
<td>Clerkship Sites:</td>
<td>Spokane Dermatology Clinic, Spokane WA</td>
</tr>
<tr>
<td>Administrative Contact:</td>
<td>Yolonda Virgili, 206-543-3237, <a href="mailto:ykv@uw.edu">ykv@uw.edu</a></td>
</tr>
<tr>
<td>Course website:</td>
<td><a href="https://catalyst.uw.edu/workspace/medelect/21943/">https://catalyst.uw.edu/workspace/medelect/21943/</a></td>
</tr>
</tbody>
</table>

**Objectives:**
At the end of the clerkship, the student will be able to:

- Use the language of dermatology to effectively and accurately describe skin conditions or lesions.
- Demonstrate focused history-taking, physical examination, and oral and written presentations
  suitable for the skin.
- Outline a basic approach to the diagnosis and management of common skin conditions including
  atopic dermatitis, psoriasis, and seborrheic dermatitis.
- Apply the basic principles and practice of oral and topical dermatologic therapy including the
  appropriate use of emollients, topical steroids, antipruritic therapies, and systemic
  immunosuppressants.
- Correctly identify common skin tumors such as basal cell carcinoma, squamous cell carcinoma,
  and melanoma; outline basic management plans including the method of biopsy, appropriate
  surgical management, and patient follow up intervals.
- Recognize potentially life-threatening skin diseases such as serious drug eruptions, toxic
  epidermal necrolysis, and autoimmune blistering disorders.
- Successfully demonstrate essential dermatologic diagnostic procedures including KOH
  examination, scabies prep, shave biopsy, and punch biopsy of the skin.

**Readings/Texts:**
Required: Wolff and Johnson “Fitzpatrick’s Color Atlas & Synopsis of Clinical Dermatology”
Suggested: Habif TP: *Clinical Dermatology – A Color Guide to Diagnosis and Therapy*, Fourth Edition,
Mosby, 2004. Textbooks available to check out from the Dermatology Division Office BB1353.

**Evaluation:**
Students are evaluated by all teaching faculty on assigned team(s) via electronic EValue Educator of
Student evaluation using the P/RIME evaluation method. Medicine Student Programs collates all
evaluations to submit cumulative final evaluation submitted to registrar’s office.

**MEDECK 654 P- Clinical Dermatology Alaska (8)**

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<tr>
<th>Offered:</th>
<th>AWSpS; 4 weeks full-time, by permission only, contact Yolonda Virgili for permission.</th>
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<tbody>
<tr>
<td>Prerequisite:</td>
<td>Required 12 week Internal Medicine Clerkship and permission from department</td>
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<tr>
<td>Clerkship Sites:</td>
<td>Dr. Senter Dermatology, Anchorage, AK</td>
</tr>
<tr>
<td>Administrative Contact:</td>
<td>Yolonda Virgili, 206-543-3237, <a href="mailto:ykv@uw.edu">ykv@uw.edu</a></td>
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<tr>
<td>Course website:</td>
<td><a href="https://catalyst.uw.edu/workspace/medelect/21951/">https://catalyst.uw.edu/workspace/medelect/21951/</a></td>
</tr>
</tbody>
</table>

**Objectives:**
At the end of the clerkship, the student will be able to:

- Use the language of dermatology to effectively and accurately describe skin conditions or lesions.
- Demonstrate focused history-taking, physical examination, and oral and written presentations suitable for the skin.
- Outline a basic approach to the diagnosis and management of common skin conditions including atopic dermatitis, psoriasis, and seborrheic dermatitis.
- Apply the basic principles and practice of oral and topical dermatologic therapy including the appropriate use of emollients, topical steroids, antipruritic therapies, and systemic immunosuppressants.
- Correctly identify common skin tumors such as basal cell carcinoma, squamous cell carcinoma, and melanoma; outline basic management plans including the method of biopsy, appropriate surgical management, and patient follow up intervals.
- Recognize potentially life-threatening skin diseases such as serious drug eruptions, toxic epidermal necrolysis, and autoimmune blistering disorders.
- Successfully demonstrate essential dermatologic diagnostic procedures including KOH examination, scabies prep, shave biopsy, and punch biopsy of the skin.

**Readings/Texts:**
Required: Wolff and Johnson “Fitzpatrick’s Color Atlas & Synopsis of Clinical Dermatology”

**Evaluation:**
Students are evaluated by all teaching faculty on assigned team(s) via electronic EValue Educator of Student evaluation using the P/RIME evaluation method. Medicine Student Programs collates all evaluations to submit cumulative final evaluation submitted to registrar’s office.

**MEDECK 664 P- Clinical Dermatology Montana (8)**

**Offered:**
AWSpS; 4 weeks full-time, by permission only, contact Yolonda Virgili for permission.

**Prerequisite:**
Required 12 week Internal Medicine Clerkship and permission from department

**Clerkship Sites:**
Billings Clinic – Dermatology, Billings MT

**Administrative Contact:**
Yolonda Virgili, 206-543-3237, ykv@uw.edu

**Course website:**
https://catalyst.uw.edu/workspace/medelect/21952/

**Objectives:**
At the end of the clerkship, the student will be able to:
- Use the language of dermatology to effectively and accurately describe skin conditions or lesions.
- Demonstrate focused history-taking, physical examination, and oral and written presentations suitable for the skin.
- Outline a basic approach to the diagnosis and management of common skin conditions including atopic dermatitis, psoriasis, and seborrheic dermatitis.
- Apply the basic principles and practice of oral and topical dermatologic therapy including the appropriate use of emollients, topical steroids, antipruritic therapies, and systemic immunosuppressants.
- Correctly identify common skin tumors such as basal cell carcinoma, squamous cell carcinoma, and melanoma; outline basic management plans including the method of biopsy, appropriate surgical management, and patient follow up intervals.
- Recognize potentially life-threatening skin diseases such as serious drug eruptions, toxic epidermal necrolysis, and autoimmune blistering disorders.
- Successfully demonstrate essential dermatologic diagnostic procedures including KOH examination, scabies prep, shave biopsy, and punch biopsy of the skin.

**Readings/Texts:**
Required: Wolff and Johnson “Fitzpatrick’s Color Atlas & Synopsis of Clinical Dermatology”

**Evaluation:**
Students are evaluated by all teaching faculty on assigned team(s) via electronic EValue Educator of Student evaluation using the P/RIME evaluation method. Medicine Student Programs collates all evaluations to submit cumulative final evaluation submitted to registrar’s office.

**MEDECK 674 P- Clinical Dermatology Idaho (8)**

<table>
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<tr>
<th>Offered:</th>
<th>AWSpS; 4 weeks full-time, by permission only, contact Yolonda Virgili for permission.</th>
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<tbody>
<tr>
<td>Prerequisite:</td>
<td>Required 12 week Internal Medicine Clerkship and permission from department</td>
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</table>
| Clerkship Sites: | ADA West Clinic, Idaho  
|                | Gem State Dermatology, Idaho                                                      |
| Administrative Contact: | Yolonda Virgili, 206-543-3237, ykv@uw.edu |
| Course website: | https://catalyst.uw.edu/workspace/medelect/21956/ |

**Objectives:**
At the end of the clerkship, the student will be able to:
- Use the language of dermatology to effectively and accurately describe skin conditions or lesions.
- Demonstrate focused history-taking, physical examination, and oral and written presentations suitable for the skin.
- Outline a basic approach to the diagnosis and management of common skin conditions including atopic dermatitis, psoriasis, and seborrheic dermatitis.
- Apply the basic principles and practice of oral and topical dermatologic therapy including the appropriate use of emollients, topical steroids, antipruritic therapies, and systemic immunosuppressants.
- Correctly identify common skin tumors such as basal cell carcinoma, squamous cell carcinoma, and melanoma; outline basic management plans including the method of biopsy, appropriate surgical management, and patient follow up intervals.
- Recognize potentially life-threatening skin diseases such as serious drug eruptions, toxic epidermal necrolysis, and autoimmune blistering disorders.
- Successfully demonstrate essential dermatologic diagnostic procedures including KOH examination, scabies prep, shave biopsy, and punch biopsy of the skin.

**Readings/Texts:**
Required: Wolff and Johnson “*Fitzpatrick’s Color Atlas & Synopsis of Clinical Dermatology*”

**Evaluation:**
Students are evaluated by all teaching faculty on assigned team(s) via electronic EValue Educator of Student evaluation using the P/RIME evaluation method. Medicine Student Programs collates all evaluations to submit cumulative final evaluation submitted to registrar’s office.

**MEDECK 616 P-Dermatology Clinic Seattle (*, max 5)**

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<thead>
<tr>
<th>Offered:</th>
<th>AWSpS; Two half-days per week for 6 or 12 weeks.</th>
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<tbody>
<tr>
<td>Prerequisite:</td>
<td>Required 12 week Internal Medicine clerkship and permission from department. Permission required to drop with replacement only.</td>
</tr>
<tr>
<td>Facility:</td>
<td>UWMC Roosevelt Derm Clinic</td>
</tr>
<tr>
<td>Administrative Contact :</td>
<td>Yolonda Virgili, 206-543-3237, <a href="mailto:ykv@uw.edu">ykv@uw.edu</a></td>
</tr>
<tr>
<td>Course website:</td>
<td><a href="https://catalyst.uw.edu/workspace/medelect/21932/">https://catalyst.uw.edu/workspace/medelect/21932/</a></td>
</tr>
</tbody>
</table>
Objectives:
At the end of the clerkship, the student will be able to:

- Demonstrate basic approach to the diagnosis and management of the most common skin problems,
- Discuss basic principles and practice of oral and topical dermatologic therapy with wet dressings, steroids, emollients and antipruritic therapy,
- Recognize major life-threatening skin diseases and markers of systemic disease,
- Utilize dermatologic vocabulary in order to generate clinical differential diagnoses and accurately describe a rash or a lesion when requesting consultative services,
- Recognize common skin tumors and understand appropriate diagnostics tests used in dermatology,
- Demonstrate appropriate history-taking and general physical examination with special attention to examination and description of the skin,
- Construct write-ups and oral presentations to be as precise and efficient as possible in communication about patients,
- Perform special diagnostic procedures (KOH, Tzanck test, patch test, skin biopsy) to assist in delineating patients’ problems.

Schedule:
**UWMC:** Students will attend Dermatology clinic, two half-days per week at the UW Medical Center for 3 months.

**UW Affiliated Hospitals:** Specially arranged schedules may be available at Harborview Medical Center, Seattle Children’s Hospital, or the VA Puget Sound Health Care System-Seattle.

**Away Sites:** Students will attend Dermatology clinic as specified by clinical faculty member.

Conferences:
In Seattle area, students have the option to attend Dermatology Grand Rounds on Wednesday mornings, as well as Journal Club and the Medical Student Lecture on Thursday mornings.

Presentations:
No presentations are required; however Journal Club presentation opportunities are available.

Readings/Texts:

Evaluation:
Students are evaluated by all teaching faculty on assigned team(s) via electronic EValue Educator of Student evaluation using the P/RIME evaluation method. Medicine Student Programs collates all evaluations to submit cumulative final evaluation submitted to registrar’s office.

MEDECK 605 P- Clinical Endocrinology and Metabolism Seattle (*, max 12)

**Offered:** AWSpS. 4 weeks full time

**Prerequisite:** Required 12 week Internal Medicine clerkship

**Facility:** UWMC or HMC/VA Medical Center Seattle

**Transportation:** Note: Transportation between teaching sites is required

**Administrative Contact:** Yolonda Virgili, 206-543-3237, ykv@uw.edu

**Course website:** https://catalyst.uw.edu/workspace/medelect/21921/

**Objectives:**
• Perform and interpret a history and physical exam appropriate to patients with endocrine diagnosis,
• Utilize basic endocrine pathophysiology to interpret and describe disease states,
• Discuss the relationship between endocrine pathophysiology and the practical treatment of patients.

Description of learning activities:
This clerkship makes use of a number of teaching sites in Seattle, including the University of Washington Medical Center, Harborview Medical Center, and clinical faculty offices. Students will see inpatient consults with an Endocrine Attending and Fellow, and attend a variety of outpatient clinics. The outpatient experience includes subspecialty clinics in metabolic bone disease, intensive diabetes management, and atherosclerosis prevention. Students will also spend several half days per week in the offices of endocrinologists in private practice.

Schedule:
To be provided after enrollment. Note that transportation between teaching sites is required.

Presentations:
Students will be required to present their patient clinical evaluations to the attending staff both at outpatient clinics and for inpatient consults.

Readings/texts:
Each student will select a topic for a reading project in endocrinology. The results of the student’s literature review will be discussed at a post-clinic conference at some point during the month.

Evaluation:
Students are evaluated by all teaching faculty on assigned team(s) via electronic EValue Educator of Student evaluation using the P/RIME evaluation method. Medicine Student Programs collates all evaluations to submit cumulative final evaluation submitted to registrar’s office.

MEDECK 627 P- Clinical Endocrinology and Metabolism Tacoma (*, max 12)
Offered: AWSpS. 4 weeks full time
Prerequisite: Required 12 week Internal Medicine clerkship and permission from department
Facility: Madigan Army Medical Center, Tacoma WA
Transportation: Students must provide their own transportation
Administrative Contact: Yolonda Virgili, 206-543-3237, ykv@uw.edu
Course website: https://catalyst.uw.edu/workspace/medelect/21938/

Objectives:
• Perform and interpret a history and physical exam appropriate to patients with endocrine diagnosis,
• Utilize basic endocrine pathophysiology to interpret and describe disease states,
• Discuss the relationship between endocrine pathophysiology and the practical treatment of patients.

Schedule:
To be provided after enrollment. Note that transportation between teaching sites is required.

Presentations:
Students will be required to present their patient clinical evaluations to the attending staff both at outpatient clinics and for inpatient consults.
Readings/texts:
Each student will select a topic for a reading project in endocrinology. The results of the student’s literature review will be discussed at a post-clinic conference at some point during the month.

Madigan Army Medical Center: The Endocrine Clinic sees approximately 700 patients per month in both outpatient clinic and inpatient consultation. One student at a time may participate fully on the outpatient clinic experience. In addition to seven endocrinology clinics a week, students are encouraged to participate in the Department of Medicine morning report, Wednesday afternoon Foot at Risk Clinic and spend one afternoon with the hospital’s certified diabetic educator.

Evaluation:
Students are evaluated by all teaching faculty on assigned team(s) via electronic EVale Educator of Student evaluation using the P/RIME evaluation method. Medicine Student Programs collates all evaluations to submit cumulative final evaluation submitted to registrar’s office.

MEDECK 606 P- Clinical Gastroenterology Seattle (8)
Offered: AWSpS; 4 weeks full-time.
Prerequisite: Required 12 week Internal Medicine clerkship
Facility: UWMC, HMC, VA
Administrative Contact: Yolonda Virgili, 206-543-3237, ykv@uw.edu
Course website: https://catalyst.uw.edu/workspace/medelect/21922/

Goals:
Students acquire in depth experience in clinical gastroenterology, with close mentoring by members of the Gastroenterology faculty and are exposed to a broad range of state-of-the-art diagnostic and therapeutic endoscopic procedures.

Objectives:
At the end of the clerkship, the student will be able to:
• Evaluate patients seen in consultation with a member of the Gastroenterology Inpatient Consulting team,
• Discuss and identify underlying pathophysiologic mechanisms of GI diseases with GI illness and complaints,
• Discuss the capabilities as well as limitations of endoscopy in clinical practice,
• Discuss appropriate indications and contraindications for endoscopic procedures,
• Discuss key elements for providing excellent consultative service in Inpatient medical care.

Description:
Students join and become responsible members of the Gastroenterology Inpatient Consulting team at one of the three teaching hospitals of the University of Washington (UWMC, HMC, VA).

Schedule:
Weekdays, work hours to be determined by Attending Physician. No night or weekend responsibilities.

Conferences:
Teaching rounds with the Attending and Senior Fellow are held 5 days per week. Assigned cases are presented to the full team, and thereafter followed regularly by the student.

Students are strongly encouraged to attend regularly scheduled GI educational conference (Fridays, 7:30 -10 am).

Presentations:
At the discretion of the Attending physician.
Readings/texts:
A syllabus containing reading material reprints is available for purchase.

Evaluation:
Students are evaluated by all teaching faculty on assigned team(s) via electronic EValue Educator of Student evaluation using the P/RIME evaluation method. Medicine Student Programs collates all evaluations to submit cumulative final evaluation submitted to registrar’s office.

MEDECK 636 P - Clinical Gastroenterology Washington (8)

Offered: AWSpS; 4 weeks full-time.

Prerequisite: Required 12 week Internal Medicine clerkship and permission from department

Facility: Sacred Heart Medical Center, Spokane WA

Administrative Contact: Yolonda Virgili, 206-543-3237, ykv@uw.edu

Course website: https://catalyst.uw.edu/workspace/medelect/21944/

Goals:
Students acquire in depth experience in clinical gastroenterology, with close mentoring by members of the Gastroenterology faculty and are exposed to a broad range of state-of-the-art diagnostic and therapeutic endoscopic procedures.

Objectives:
At the end of the clerkship, the student will be able to:

- Evaluate patients seen in consultation with a member of the Gastroenterology Inpatient Consulting team,
- Discuss and identify underlying pathophysiologic mechanisms of GI diseases with GI illness and complaints,
- Discuss the capabilities as well as limitations of endoscopy in clinical practice,
- Discuss appropriate indications and contraindications for endoscopic procedures,
- Discuss key elements for providing excellent consultative service in Inpatient medical care.

Description:
Students join and become responsible members of the Gastroenterology Inpatient Consulting team.

Schedule:
Weekdays, work hours to be determined by Attending Physician. No night or weekend responsibilities.

Conferences:
Teaching rounds with the Attending and Senior Fellow are held 5 days per week. Assigned cases are presented to the full team, and thereafter followed regularly by the student.

Students are strongly encouraged to attend regularly scheduled GI educational conference (Fridays, 7:30 -10 am).

Presentations:
At the discretion of the Attending physician.

Readings/texts:
A syllabus containing reading material reprints is available for purchase.

Evaluation:
Students are evaluated by all teaching faculty on assigned team(s) via electronic EValue Educator of Student evaluation using the P/RIME evaluation method. Medicine Student Programs collates all evaluations to submit cumulative final evaluation submitted to registrar’s office.
MEDECK 690 P-General Internal Medicine Shiprock (8)

Prerequisite: Completion of 12 week required Internal Medicine clerkship. Fourth-year medical students. Department permission required.

Site: Northern Navajo Medical Center, Shiprock NM

Administrative Contact: Yolonda Virgili, 206-543-3237, ykv@uw.edu

Course website: https://catalyst.uw.edu/workspace/medelect/22171/

Objectives:
At the conclusion of this clerkship students should be able to:
• Perform an initial history.
• Perform appropriate and accurate physical examinations.
• Deliver succinct, organized oral presentations.
• Formulate diagnostic and treatment plans.
• Write admission and progress notes that are appropriate in content and reflect their clinical reasoning.
• Interact well with the care team to achieve good patient outcomes.
• Identify the unique geographical and cultural aspects of the practice site and population, and reflect on how they change the approach to patient care.

Schedule:
Northern Navajo Medical Center is a 75 bed hospital in Shiprock, New Mexico serving Native American patients from the northeastern part of the Navajo reservation and the greater Four Corners area. The current hospital opened in February 1995. Clinical services include Anesthesia, Dentistry, Emergency Medicine, Family Practice, General Surgery, Internal Medicine, Neurology, OB/Gyn, Optometry, Orthopedics, ENT, Pediatrics, Physical Therapy and Psychiatry. Programs in health promotion and disease prevention as well as public health nursing complement the inpatient services.

There are currently 9 internists on staff. The schedule during the week is divided up into half-days of continuity clinic, walk-in clinic for established patients, exercise treadmill testing, float for our patients on the ward or new admissions, and administrative time. On call we admit patients from our panel and alternate the unassigned patients with Family Medicine. Typically there are between 1 and 4 admissions per night. We also run a very active 5-bed intensive care unit. In the ICU, there is the capability for managing patients in need of mechanical ventilation, invasive cardiopulmonary monitoring, and transvenous pacing. ICU Inpatient rounds every morning as a group, med/surg inpatient rounds following ICU rounds. The Radiology department provides 24-hour plain film and CT radiography with MRI available weekly. Every other week either as outreach uranium visit or home visit.

Travel/Housing:
Housing is provided next to the hospital in government-subsidized housing. Major airlines service airports in Farmington, Cortez or nearby Durango. Albuquerque is about 4 hours away by car.

The Four Corners area encompasses an unparalleled variety of landscapes and unlimited outdoor recreational activities including mountain biking, hiking, downhill and cross country skiing, whitewater rafting, rock climbing and fly fishing. Mesa Verde, Arches and Canyonlands National Parks are within a 2-3 hour drive of Shiprock as are Telluride, Durango and Moab. The south rim of the Grand Canyon, Flagstaff, Taos and Santa Fe are 4-5 hours away.

Conferences:
CME grand rounds, ICU Journal Club, M&M Review,

Evaluations:
Students are evaluated by all teaching faculty on assigned team(s) via electronic EValue Educator of Student evaluation using the P/RIME evaluation method. Medicine Student Programs collates all evaluations to submit cumulative final evaluation submitted to registrar’s office.
### MEDECK 607 P - Clinical Hematology/Oncology Seattle (8)

**Offered:** AWSpS; 4 weeks full-time.  
**Prerequisite:** Required 12 week Internal Medicine Clerkship  
**Facility:** UWMC, HMC and VA  
**Administrative Contact:** Yolonda Virgili, 206-543-3237, ykv@uw.edu  
**Course website:** [https://catalyst.uw.edu/workspace/medelect/21923/](https://catalyst.uw.edu/workspace/medelect/21923/)

**Objectives:**
At the end of the clerkship, the student will be able to:
- Describe the pathophysiology of anemia, thrombocytopenia, neutropenia, myeloproliferative disorders and coagulation problems;
- Conduct appropriate workup for anemia, thrombocytopenia, neutropenia, myeloproliferative disorders and coagulation problems;
- Outline management and therapy for anemia, thrombocytopenia, neutropenia, myeloproliferative disorders and coagulation problems;
- Outline the work-up and treatment of malignancies,
- Discuss how one weighs risks and benefits in cancer care decisions,
- Evaluate patients with common solid tumors, bleeding, or thrombosis.

**Schedule:**
At each hospital the hematology-oncology elective consists of one month of training during which students work up patients in the inpatient and outpatient services under supervision of a clinical Fellow and the faculty of the Divisions of Hematology and Oncology.

**Conferences:**
Depends on site. Harborview and University – Post-clinic conference, Thursday, 4:30 - 5:30 pm.  
Hematology/Oncology Fellows Conference and Hematology Grand Rounds, Friday, 7:00 - 9:00 am.  
University – Leukemia and lymphoma conference, 2 Fridays/ m 12:00 – 1:00 pm.

**Readings/texts:**
Depends on site and specific patient issues encountered. At Harborview and the University, papers relevant to the patients seen on the rotation will be provided.

**Evaluation:**
Students are evaluated by all teaching faculty on assigned team(s) via electronic EVeGetor of Student evaluation using the P/RIME evaluation method. Medicine Student Programs collates all evaluations to submit cumulative final evaluation submitted to registrar’s office.

### MEDECK 677 P - Clinical Hematology/Oncology Idaho (8)

**Offered:** AWSpS; 4 weeks full-time.  
**Prerequisite:** Required 12 week Internal Medicine Clerkship and permission from department  
**Facility:** St. Luke’s Hospital, Boise ID  
**Administrative Contact:** Yolonda Virgili, 206-543-3237, ykv@uw.edu  
**Course website:** [https://catalyst.uw.edu/workspace/medelect/21957/](https://catalyst.uw.edu/workspace/medelect/21957/)

**Objectives:**
At the end of the clerkship, the student will be able to:
- Describe the pathophysiology of anemia, thrombocytopenia, neutropenia, myeloproliferative disorders and coagulation problems;
- Conduct appropriate workup for anemia, thrombocytopenia, neutropenia, myeloproliferative disorders and coagulation problems;
- Outline management and therapy for anemia, thrombocytopenia, neutropenia, myeloproliferative disorders and coagulation problems;
- Outline the work-up and treatment of malignancies,
• Discuss how one weighs risks and benefits in cancer care decisions,
• Evaluate patients with common solid tumors, bleeding, or thrombosis.

Description of learning activities:
At Boise, this fourth-year elective will provide clinic experience regarding the epidemiology, etiology, and staging of common malignancies, cancer treatment modalities, cancer screening, and issues regarding death and dying. In addition to the malignant disorders, there will also be exposure to a variety of hematologic problems including basic coagulation.

Schedule:
At each hospital the hematology-oncology elective consists of one month of training during which students work up patients in the inpatient and outpatient services under supervision of a clinical Fellow and the faculty of the Divisions of Hematology and Oncology.

Conferences:
Depends on site. Harborview and University – Post-clinic conference, Thursday, 4:30 - 5:30 pm. Hematology/Oncology Fellows Conference and Hematology Grand Rounds, Friday, 7:00 - 9:00 am. University – Leukemia and lymphoma conference, 2 Fridays/ m 12:00 – 1:00 pm.

Readings/texts:
Depends on site and specific patient issues encountered. At Harborview and the University, papers relevant to the patients seen on the rotation will be provided.

Evaluation:
Students are evaluated by all teaching faculty on assigned team(s) via electronic EValue Educator of Student evaluation using the P/RIME evaluation method. Medicine Student Programs collates all evaluations to submit cumulative final evaluation submitted to registrar’s office.

MEDECK 612 P- Clinical HIV Care Seattle (8)
Offered: AWSpS; 4 weeks full-time.
Prerequisite: Required 12 week Internal Medicine Clerkship
Facility: HMC
Administrative Contact : Yolonda Virgili, 206-543-3237, ykv@uw.edu
Course website: https://catalyst.uw.edu/workspace/medelect/21928/

Goals: The purpose of this elective is to provide students with an intensive one month experience caring for HIV infected patients. Students will become familiar with the outpatient management of HIV infected patients including the administration of anti-retroviral therapy, medications to prevent opportunistic infections and the primary care issues unique to HIV+ patients. Students will learn to manage the acute medical problems of hospitalized HIV patients by working with the infectious diseases service and providing consultations to the primary teams responsible for HIV infected inpatients.

Objectives:
• Discuss key elements of providing primary care to HIV infected patients,
• Describe anti-retroviral therapy and treatments to prevent opportunistic infections,
• Identify and treat the opportunistic infections and cancers suffered by HIV+ patients,
• Recognize and treat the metabolic complications of HIV and HIV therapy (e.g., lipodystrophy, hyperlipidemia, diabetes mellitus),
• Identify and help manage psychosocial problems such as depression, homelessness and substance abuse that many HIV+ patients face;
• Recognize and help manage the acute medical problems of hospitalized HIV+ patients,
• Help coordinate the transition of patients from the inpatient to the outpatient setting.
Schedule:
Students will split their time between the Madison Clinic (Harborview HIV Clinic) and the inpatient HIV consult service. Students will usually see patients and interact with providers and the attending physician in the Madison Clinic at the beginning (8:30 - 11:00 am) and end (2:30 - 5:00 pm) of each day. Mid-day (11:00 am - 2:30 pm) students will round on HIV+ inpatients and interact with the ID/HIV consult service. Daily schedules vary considerably depending on the activity of the inpatient consult service, the clinic and the particular interests of the student.

Students will have the opportunity to visit a Washington State prison 1-2 days during the month to learn about the care of incarcerated HIV+ patients and their transition back into the community. This activity is coordinated by Dr. Lara Strick who provides care for all HIV+ inmates in the Washington State Department of Corrections. Dr. Strick is a member of the UW clinical faculty and a regular provider at the Madison Clinic.

Conferences:
Students are invited to attend the HIV noon conference series (presentations given once or twice per month, September through June), the HIV journal club (twice per month, September through June), the city-wide AIDS Clinical Conference (monthly) and the city-wide infectious diseases conference. (Wednesday afternoons).

Presentations:
No formal presentations are scheduled.

Readings/texts:
Students will be provided an HIV manual constructed by the clinic. The manual contains reprints covering anti-retroviral therapy, treatment and prophylaxis of opportunistic infections and standard-of-care guidelines for HIV infected patients.

By the end of the rotation students are encouraged to have completed the online HIV case studies posted on the website: "HIV webstudy" http://depts.washington.edu/hivaids/

Evaluation:
Students are evaluated by all teaching faculty on assigned team(s) via electronic EValue Educator of Student evaluation using the P/RIME evaluation method. Medicine Student Programs collates all evaluations to submit cumulative final evaluation submitted to registrar’s office.

MEDECK 617 – P- Harborview Evening Clinic Seattle (2)

Offered: AWSPs. Students selected must commit one evening per week (Tuesdays) for the entire academic year.

Prerequisite: Required 12 week Internal Medicine clerkship and approval through application process only. Students will receive one class email inviting students to apply. Six students only.

Facility: HMC

Administrative Contact: Yolonda Virgili, 206-543-3237, ykv@uw.edu

Course website: https://catalyst.uw.edu/workspace/medelect/21933/

Goals:
In this elective, students will act as the primary health providers in the ambulatory care of adult patients in a busy urban clinic.

Objectives:
• Follow patient and modify their treatment plan over time,
• Perform excellent history and physical examinations in the outpatient setting,
• Utilize medical evidence to develop rational diagnostic plans, and initiate appropriate therapies,
• Demonstrate excellent communication skills, particularly with psychosocially needy patients,
• Demonstrate excellent documentation of care and patient tracking,
• Refer patients to appropriate community services,
• Demonstrate excellent communication with other health care providers.

Schedule:
The clinic is held on Tuesday evenings in the Adult Medicine Clinic at Harborview Medical Center. Students are strongly encouraged to participate for four quarters beginning in July.

Conferences:
Weekly pre-clinic conferences between 5:00 -5:30 pm cover a wide range of primary care topics.

Presentations:
Students will be expected to give 2 pre-clinic conferences during the course of the year.

Readings/texts:
Syllabus given at orientation.

Evaluation:
Students are evaluated by all teaching faculty on assigned team(s) via electronic EValue Educator of Student evaluation using the P/RI ME evaluation method. Medicine Student Programs collates all evaluations to submit cumulative final evaluation submitted to registrar’s office.

MEDECK 608 P- Clinical Infectious Diseases Seattle (8)

Offered: AWSpS; 4 weeks full-time.
Prerequisite: Required 12 week Internal Medicine clerkship
Facility: Seattle sites: UWMC, HMC, VA
Administrative Contact: Yolonda Virgili, 206-543-3237, ykv@uw.edu
Course website: https://catalyst.uw.edu/workspace/medelect/21924/

Objectives:
• Evaluate patients seen in consultation with a member of the Infectious Diseases Inpatient Consulting team,
• Discuss the use and misuse of antimicrobials, including antivirals and antifungal agents,
• Demonstrate diagnostic approaches used to evaluate and initially manage hospitalized patients with infectious disease,
• Apply mechanisms of antimicrobial resistance in developing treatment plans for patients with resistant organisms and reducing the prevalence of resistant organisms,
• Discuss basics of hospital epidemiology and the control of disease transmission in the hospital.

Description of learning activities:
Inpatient consultation services at the Seattle hospitals (UWMC, HMC, Seattle VA) are staffed by members of a large faculty and fellowship program. Students see 3 – 5 new patients per week and make daily rounds with an infectious disease fellow and/or medicine resident. Formal attending rounds are held 5 days per week with additional sessions for urgent patient problems and teaching. Medical microbiology conferences are held regularly at all sites, and there is a weekly city-wide clinical conference. Emphasis of the clerkship is on the varied diagnostic and therapeutic challenges prevalent in general hospitals.

The ID rotation at UWMC offers the opportunity to see patients with a wide variety of both common and unusual ID problems. Infections in solid organ transplant patients constitute an important part of the service. Students will work with a team that includes a medical resident, a fellow in ID and an attending physician. Students will play an integral role on the service, evaluating several patients per week and following these patients until discharge. Students may elect to work in an outpatient tropical medicine clinic as part of the elective as well.
The ID rotation at HMC involves inpatient infectious diseases consultations involving a wide variety of infections under the supervision of faculty, ID fellows, and residents. Students will work with critically ill patients in the intensive care units. Arrangements can also be made to involve opportunity to work with faculty and staff in one of our specialty clinics: the STD Clinic, Hansen’s Disease Clinic, Hepatitis and Liver Clinic, TB Clinic, ID Clinic, and HIV Clinic. Arrangements to participate at the Hepatitis and Liver clinic would allow students to learn about the evaluation and treatment of chronic hepatitis B and C. Students interested in the ID or HIV Clinic can arrange to shadow one of the core providers in the Madison Clinic to gain experience in the outpatient management of HIV and infectious diseases.

The VA Medical Center Seattle also offers a wide range of ID consultations on the inpatient service. Students will also have the opportunity to work in an ID Outpatient Clinic. As with the other hospitals described above, the main part of the rotation will be based on seeing ID cases in the hospital setting as part of a consultative team.

Schedule:
8:00 am - 6:00 pm daily, occasional weekend call.

Conferences:
Wednesday afternoon City Wide ID Conference, 4:30 pm; other conferences per individual hospitals.

Presentations:
Most students are asked to make a formal presentation to their team on a topic related to a patient they have seen.

Readings/texts:
Harrison’s Internal Medicine (ID sections).
Principles and Practice of Infectious Diseases; Gerald L. Mandell, et al.

Evaluation:
Students are evaluated by all teaching faculty on assigned team(s) via electronic EValue Educator of Student evaluation using the P/RIME evaluation method. Medicine Student Programs collates all evaluations to submit cumulative final evaluation submitted to registrar’s office.

MEDECK 628 P- Clinical Infectious Diseases Tacoma (8)
Offered: AWSpS; 4 weeks full-time.
Prerequisite: Required 12 week Internal Medicine clerkship
Facility: Madigan Army Medical Center, Tacoma WA
Administrative Contact: Yolonda Virgili, 206-543-3237, ykv@uw.edu
Course website: https://catalyst.uw.edu/workspace/medelect/21939/

Objectives:
- Evaluate patients seen in consultation with a member of the Infectious Diseases Inpatient Consulting team,
- Discuss the use and misuse of antimicrobials, including antivirals and antifungal agents,
- Demonstrate diagnostic approaches used to evaluate and initially manage hospitalized patients with infectious disease,
- Apply mechanisms of antimicrobial resistance in developing treatment plans for patients with resistant organisms and reducing the prevalence of resistant organisms,
- Discuss basics of hospital epidemiology and the control of disease transmission in the hospital.

Description of learning activities:
The Infectious Disease Service at Madigan Army Medical Center provides an inpatient consultation service and oversees an active outpatient clinic. A medical student rotating on the service will have the opportunity to be involved in both areas by working closely with residents and staff. The goal of the rotation is to provide the student with a firm foundation in basic infectious disease knowledge and
practice. Lectures on various topics in infectious diseases are given 3 to 5 times per week. The student will be required to do a short presentation on an infectious disease topic.

**Schedule:**
8:00 am - 6:00 pm daily, occasional weekend call.

**Conferences:**
Wednesday afternoon City Wide ID Conference, 4:30 pm; other conferences per individual hospitals.

**Presentations:**
Most students are asked to make a formal presentation to their team on a topic related to a patient they have seen.

**Readings/texts:**
*Harrison's Internal Medicine* (ID sections).
*Principles and Practice of Infectious Diseases*; Gerald L. Mandell, et al.

**Evaluation:**
Students are evaluated by all teaching faculty on assigned team(s) via electronic EValue Educator of Student evaluation using the P/RIME evaluation method. Medicine Student Programs collates all evaluations to submit cumulative final evaluation submitted to registrar’s office.

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**MEDECK 638 P- Clinical Infectious Diseases Washington (8)**

**Offered:**
AWSpS; 4 weeks full-time.

**Prerequisite:**
Required 12 week Internal Medicine clerkship and permission from the department

**Facility:**
Sacred Heart Medical Center, Spokane WA
Yakima Chest Clinic, Yakima WA

**Administrative Contact:**
Yolonda Virgili, 206-543-3237, ykv@uw.edu

**Course website:**
https://catalyst.uw.edu/workspace/medelect/21945/

**Objectives:**
- Evaluate patients seen in consultation with a member of the Infectious Diseases Inpatient Consulting team,
- Discuss the use and misuse of antimicrobials, including antivirals and antifungal agents,
- Demonstrate diagnostic approaches used to evaluate and initially manage hospitalized patients with infectious disease,
- Apply mechanisms of antimicrobial resistance in developing treatment plans for patients with resistant organisms and reducing the prevalence of resistant organisms,
- Discuss basics of hospital epidemiology and the control of disease transmission in the hospital.

**Schedule:**
8:00 am - 6:00 pm daily, occasional weekend call.

**Conferences:**

**Presentations:**
Most students are asked to make a formal presentation to their team on a topic related to a patient they have seen.

**Readings/texts:**
*Harrison's Internal Medicine* (ID sections).
*Principles and Practice of Infectious Diseases*; Gerald L. Mandell, et al.
**Evaluation:**
Students are evaluated by all teaching faculty on assigned team(s) via electronic EValue Educator of Student evaluation using the **P/RIME evaluation method**. Medicine Student Programs collates all evaluations to submit cumulative final evaluation submitted to registrar’s office.

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### MEDECK 689 P- Clinical Clinical Infectious Diseases Idaho (8)

<table>
<thead>
<tr>
<th>Offered:</th>
<th>AWSpS; 4 weeks full-time.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Required 12 week Internal Medicine clerkship and permission from the department</td>
</tr>
<tr>
<td>Facility:</td>
<td>VA Medical Center Boise, Boise ID</td>
</tr>
<tr>
<td>Administrative Contact:</td>
<td>Yolonda Virgili, 206-543-3237, <a href="mailto:ykv@uw.edu">ykv@uw.edu</a></td>
</tr>
<tr>
<td>Course website:</td>
<td><a href="https://catalyst.uw.edu/workspace/medelect/25397/">https://catalyst.uw.edu/workspace/medelect/25397/</a></td>
</tr>
</tbody>
</table>

**Objectives:**
- Evaluate patients seen in consultation with a member of the Infectious Diseases Inpatient Consulting team,
- Discuss the use and misuse of antimicrobials, including antivirals and antifungal agents,
- Demonstrate diagnostic approaches used to evaluate and initially manage hospitalized patients with infectious disease,
- Apply mechanisms of antimicrobial resistance in developing treatment plans for patients with resistant organisms and reducing the prevalence of resistant organisms,
- Discuss basics of hospital epidemiology and the control of disease transmission in the hospital.

**Description of learning activities:**
The Boise VAMC offers an Infectious Disease elective by special arrangement. Students will learn how to perform and interpret gram stains, use antibiotics appropriately, and will evaluate inpatients and outpatients with a variety of infectious diseases. Students will participate in activities in the Hepatitis C Clinic and HIV Clinic as well. In addition, normal teaching rounds are conducted twice per week and additional times as deemed necessary. With advance notice, may also be able to arrange time with local ID physicians in the community during the rotation.

**Schedule:**
8:00 am - 6:00 pm daily, occasional weekend call.

**Conferences:**
Wednesday afternoon City Wide ID Conference, 4:30 pm; other conferences per individual hospitals.

**Presentations:**
Most students are asked to make a formal presentation to their team on a topic related to a patient they have seen.

**Readings/texts:**
*Harrison’s Internal Medicine* (ID sections).
*Principles and Practice of Infectious Diseases*; Gerald L. Mandell, et al.

**Evaluation:**
Students are evaluated by all teaching faculty on assigned team(s) via electronic EValue Educator of Student evaluation using the **P/RIME evaluation method**. Medicine Student Programs collates all evaluations to submit cumulative final evaluation submitted to registrar’s office.

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### MEDECK 619 P- Management of Sexually Transmitted Diseases Seattle (2)

<table>
<thead>
<tr>
<th>Offered:</th>
<th>AWSpS; 2 weeks part-time.</th>
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</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Required 12 week Internal Medicine clerkship and required six week Surgery and OB/GYN clerkships. Students must review packet of didactic materials prior to elective start date.</td>
</tr>
</tbody>
</table>
Objectives
At the end of the clerkship, the student will be able to:

- Elicit a comprehensive sexual history from men and women, including men who have sex with men,
- Discuss the differential diagnosis, work-up, and treatment of common STD syndromes included urethral discharge, vaginal discharge, and genital ulcer disease,
- Conduct physical examinations needed to evaluate patients for STD,
- Perform basic microscopic tests on patients being evaluated for STD including: Gram stain of urethral and cervical specimens, and wet mounts of vaginal specimens.

Schedule: 9:00 am – 12:00 pm.

Conferences: STD Research Conference (optional).

Presentations: None.

Readings/texts: Sexually Transmitted Diseases, Editor KK Holmes as needed.

Evaluation:
Students are evaluated by all teaching faculty on assigned team(s) via electronic EValue Educator of Student evaluation using the P/RIME evaluation method. Medicine Student Programs collates all evaluations to submit cumulative final evaluation submitted to registrar’s office.

MEDECK 618 P-Medical Consultation Seattle (8)
Offered: AWSpS; 4 weeks full-time.
Prerequisite: Required 12 week Internal Medicine clerkship
Facility: HMC one student per rotation, UWMC by permission only.
Administrative Contact: Yolonda Virgili, 206-543-3237, ykv@uw.edu
Course Website: https://catalyst.uw.edu/workspace/medelect/21934/

Objectives:
- Describe principles of management of multisystem disease,
- Describe special considerations of peri-operative risk assessment and management,
- Act as a member of a peri-operative consultative internal medicine team,
- Evaluate surgical and psychiatric patients on a consultative basis in the emergency room, as outpatients and as inpatients,
- Provide consultative services that meet the need of both patients and consulting practitioners.

Schedule:
UWMC: M-F, 8:00am to 5:00pm, Clinic 2-3 half days per week (will evaluate one patient each session) and inpatient follow-ups and discussion the remainder of the time.
HMC: M-F, 8:00 am to 5:00 pm, mixture of mostly inpatient and occasional outpatient experiences daily.

Conferences: Hospital conferences as time allows.

Readings/texts: Kammerer and Gross “Medical Consultation” (copy available to borrow), “Up-to-Date” sections on peri-operative medicine and medical consultation.
Evaluation:
Students are evaluated by all teaching faculty on assigned team(s) via electronic EValue Educator of Student evaluation using the P/RIME evaluation method. Medicine Student Programs collates all evaluations to submit cumulative final evaluation submitted to registrar’s office.

<table>
<thead>
<tr>
<th>MEDECK 691 P-Medicine Special Electives Seattle (*, max 24)</th>
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</thead>
<tbody>
<tr>
<td>MEDECK 692 P-Medicine Special Electives Washington (*, max 24)</td>
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<tr>
<td>MEDECK 693 P-Medicine Special Electives Wyoming (*, max 24)</td>
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<tr>
<td>MEDECK 694 P-Medicine Special Electives Alaska (*, max 24)</td>
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<tr>
<td>MEDECK 695 P-Medicine Special Electives Montana (*, max 24)</td>
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<tr>
<td>MEDECK 696 P-Medicine Special Electives Idaho (*, max 24)</td>
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</tbody>
</table>

Offered: AWSpS; 4, 6, weeks full-time.

Prerequisite: Required 12 week Internal Medicine clerkship and permission from department

Administrative Contact: Yolonda Virgili, 206-543-3237, ykv@uw.edu

By specific arrangement for qualified students, special clerkships or ‘away clerkships’ may be available at institutions other than the University of Washington. Interested students should submit a Credit for Away/Special Assignment Clinical Electives form available from the UWSOM Dean's Office Registrar and complete for departmental approval at least two months before advance registration.

Evaluations:
Students are evaluated by all teaching faculty on assigned team(s) via electronic EValue Educator of Student evaluation using the P/RIME evaluation method. Medicine Student Programs collates all evaluations to submit cumulative final evaluation submitted to registrar’s office.

<table>
<thead>
<tr>
<th>MEDECK 697 P-Medicine Special Electives Away ( *, max 24)</th>
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</table>

Offered: AWSpS; 4, 6, weeks full-time.

Prerequisite: Required 12 week Internal Medicine clerkship

Administrative Contact: Yolonda Virgili, 206-543-3237, ykv@uw.edu

Clerkship site: Various outside WWAMI

By specific arrangement for qualified students, special clerkships or ‘away clerkships' may be available at institutions other than the University of Washington. Interested students should submit a Credit for Away/Special Assignment Clinical Electives form available from the UWSOM Dean's Office Registrar and complete for departmental approval at least two months before advance registration.

Evaluations:
Students are evaluated by all teaching faculty on assigned team(s) via electronic EValue Educator of Student evaluation using the P/RIME evaluation method. Medicine Student Programs collates all evaluations to submit cumulative final evaluation submitted to registrar’s office.

<table>
<thead>
<tr>
<th>MEDECK 609 P-Nephrology and Fluid Balance Seattle (8)</th>
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</table>

Offered: AWSpS; 4 weeks full-time.

Prerequisite: Required 12 week Internal Medicine clerkship

Facility: UWMC, HMC and VA

Administrative Contact: Yolonda Virgili, 206-543-3237, ykv@uw.edu

Course website: https://catalyst.uw.edu/workspace/medelect/21925/

Objectives:
At the end of the clerkship, the student will be able to:
- Calculate and estimate renal function given appropriate data,
- Evaluate patients with hematuria,
- Describe the causes of oliguria/anuria,
- Distinguish the various glomerular lesions,
- Discuss indications for renal biopsy,
- Distinguish pre-renal, renal, and post-renal causes of oliguria,
- Treat patients with salt and water disorders,
- Treat patients with common pH imbalances disorders,
- Evaluate and treat patients with hypertension,
- Discuss the evaluation and treatment of patients with renal stones,
- Discuss the indications for instituting chronic dialysis and the major complications of such treatment,
- Recognize urinary sediments under the microscope and learn about casts, cells and crystals.

Description of learning activities:
The nephrology/fluid balance clerkship at University of Washington Medical Center, Harborview Medical Center, and Seattle VA Medical Center is a one-month elective for Third- and fourth-year medical students who will see clinical nephrologic problems under close supervision. They participate in nephrology rounds, see consults with renal fellow and Attending and work up patients in renal clinics.

Schedule:
Work Rounds and Attending Rounds will take place daily at each hospital. Clinics are generally held on Tuesday morning, but specialty clinics (e.g. renal stones, hypertension) may occur at other times as well, depending on the hospital. Check with the attending physician or renal fellow as to these events.

Conferences:
Renal Grand Rounds are held at 8:00 – 10:00 am, Friday mornings at Northwest Kidney Centers, 600 Broadway.

Presentations:
Students will present new patients at Attending Rounds and be responsible for monitoring the progress of patients they evaluate.

Reading/Texts:

Evaluation:
Students are evaluated by all teaching faculty on assigned team(s) via electronic EValue Educator of Student evaluation using the P/RIME evaluation method. Medicine Student Programs collates all evaluations to submit cumulative final evaluation submitted to registrar’s office.

MEDECK 639 P-Nephrology and Fluid Balance Washington (8)
Offered: AWSpS; 4 weeks full-time.
Prerequisite: Required 12 week Internal Medicine clerkship and permission from department
Facility: Sacred Heart Medical Center, Spokane WA
Administrative Contact: Yolonda Virgili, 206-543-3237, ykv@uw.edu
Course website: https://catalyst.uw.edu/workspace/medelect/21946/

Objectives:
At the end of the clerkship, the student will be able to:
- Calculate and estimate renal function given appropriate data,
- Evaluate patients with hematuria,
- Describe the causes of oliguria/anuria,
• Distinguish the various glomerular lesions,
• Discuss indications for renal biopsy,
• Distinguish pre-renal, renal, and post-renal causes of oliguria,
• Treat patients with salt and water disorders,
• Treat patients with common pH imbalances disorders,
• Evaluate and treat patients with hypertension,
• Discuss the evaluation and treatment of patients with renal stones,
• Discuss the indications for instituting chronic dialysis and the major complications of such treatment,
• Recognize urinary sediments under the microscope and learn about casts, cells and crystals.

Description of learning activities:
The nephrology/fluid balance clerkship at University of Washington Medical Center, Harborview Medical Center, and Seattle VA Medical Center is a one-month elective for Third- and fourth-year medical students who will see clinical nephrologic problems under close supervision. They participate in nephrology rounds, see consults with renal fellow and Attending and work up patients in renal clinics.

Schedule:
Work Rounds and Attending Rounds will take place daily at each hospital. Clinics are generally held on Tuesday morning, but specialty clinics (e.g. renal stones, hypertension) may occur at other times as well, depending on the hospital. Check with the attending physician or renal fellow as to these events.

Conferences:
Renal Grand Rounds are held at 8:00 – 10:00 am, Friday mornings at Northwest Kidney Centers, 600 Broadway.

Presentations:
Students will present new patients at Attending Rounds and be responsible for monitoring the progress of patients they evaluate.

Reading/Texts:

Evaluation:
Students are evaluated by all teaching faculty on assigned team(s) via electronic EValue Educator of Student evaluation using the P/RIME evaluation method. Medicine Student Programs collates all evaluations to submit cumulative final evaluation submitted to registrar’s office.

MEDECK 665 P-Nephrology and Fluid Balance Montana (8)

Offered: AWSpS; 4 weeks full-time.
Prerequisite: Required 12 week Internal Medicine clerkship
Facility: Montana Nephrology Associates, Billings, MT
Administrative Contact: Yolonda Virgili, 206-543-3237, ykv@uw.edu
Course website: https://catalyst.uw.edu/workspace/medelect/21953/

Objectives:
At the end of the clerkship, the student will be able to:
• Calculate and estimate renal function given appropriate data,
• Evaluate patients with hematuria,
• Describe the causes of oliguria/anuria,
• Distinguish the various glomerular lesions,
• Discuss indications for renal biopsy,
• Distinguish pre-renal, renal, and post-renal causes of oliguria,
• Treat patients with salt and water disorders,
• Treat patients with common pH imbalances disorders,
• Evaluate and treat patients with hypertension,
• Discuss the evaluation and treatment of patients with renal stones,
• Discuss the indications for instituting chronic dialysis and the major complications of such treatment,
• Recognize urinary sediments under the microscope and learn about casts, cells and crystals.

Description of learning activities:
The nephrology/fluid balance clerkship at University of Washington Medical Center, Harborview Medical Center, and Seattle VA Medical Center is a one-month elective for Third- and fourth-year medical students who will see clinical nephrologic problems under close supervision. They participate in nephrology rounds, see consults with renal fellow and Attending and work up patients in renal clinics.

Schedule:
Work Rounds and Attending Rounds will take place daily at each hospital. Clinics are generally held on Tuesday morning, but specialty clinics (e.g. renal stones, hypertension) may occur at other times as well, depending on the hospital. Check with the attending physician or renal fellow as to these events.

Conferences:
Renal Grand Rounds are held at 8:00 – 10:00 am, Friday mornings at Northwest Kidney Centers, 600 Broadway.

Presentations:
Students will present new patients at Attending Rounds and be responsible for monitoring the progress of patients they evaluate.

Reading/Texts:

Evaluation:
Students are evaluated by all teaching faculty on assigned team(s) via electronic EValue Educator of Student evaluation using the P/RIME evaluation method. Medicine Student Programs collates all evaluations to submit cumulative final evaluation submitted to registrar’s office.

MEDECK 679 P-Nephrology and Fluid Balance Idaho (8)
Offered: AWSpS; 4 weeks full-time.
Prerequisite: Required 12 week Internal Medicine clerkship and permission from department
Facility: Idaho Nephrology Associates, Boise, ID
Administrative Contact: Yolonda Virgili, 206-543-3237, ykv@uw.edu
Course website: https://catalyst.uw.edu/workspace/medelect/21959/

Objectives:
At the end of the clerkship, the student will be able to:
• Calculate and estimate renal function given appropriate data,
• Evaluate patients with hematuria,
• Describe the causes of oliguria/anuria,
• Distinguish the various glomerular lesions,
• Discuss indications for renal biopsy,
• Distinguish pre-renal, renal, and post-renal causes of oliguria,
• Treat patients with salt and water disorders,
• Treat patients with common pH imbalances disorders,
• Evaluate and treat patients with hypertension,
• Discuss the evaluation and treatment of patients with renal stones,
• Discuss the indications for instituting chronic dialysis and the major complications of such treatment,
• Recognize urinary sediments under the microscope and learn about casts, cells and crystals.

Description of learning activities:
The nephrology/fluid balance clerkship at University of Washington Medical Center, Harborview Medical Center, and Seattle VA Medical Center is a one-month elective for Third- and fourth-year medical students who will see clinical nephrologic problems under close supervision. They participate in nephrology rounds, see consults with renal fellow and Attending and work up patients in renal clinics.

Schedule:
Work Rounds and Attending Rounds will take place daily at each hospital. Clinics are generally held on Tuesday morning, but specialty clinics (e.g. renal stones, hypertension) may occur at other times as well, depending on the hospital. Check with the attending physician or renal fellow as to these events.

Conferences:
Renal Grand Rounds are held at 8:00 – 10:00 am, Friday mornings at Northwest Kidney Centers, 600 Broadway.

Presentations:
Students will present new patients at Attending Rounds and be responsible for monitoring the progress of patients they evaluate.

Reading/Texts:

Evaluation:
Students are evaluated by all teaching faculty on assigned team(s) via electronic EValue Educator of Student evaluation using the PRIME evaluation method. Medicine Student Programs collates all evaluations to submit cumulative final evaluation submitted to registrar’s office.

TOP

MEDECK 614 P-Clinical Oncology (8)
Offered: AWSps; 4 weeks full-time.
Prerequisite: Required 12 week Internal Medicine clerkship
Administrative Contact: Yolonda Virgili (ykv@uw.edu)
Clerkship Sites: UWMC
Course website: https://catalyst.uw.edu/workspace/medelect/21930/

Objectives:
At the end of the clerkship, the student will be able to:
• Discuss the presentation and management of patients with cancer
• Describe the management of complications of oncology including cytopenias, infections, hemorrhage, thrombosis, electrolyte abnormalities, and mass effects.
• Describe the oncology drug mechanisms of action, side effects and drug-drug interactions.
• Describe the family and patient psychosocial dynamics with diagnosis of cancer, cancer treatments, and palliative and hospice care.
• Conduct appropriate history and physical examinations for patients needing these services.

Description of learning experiences: In the mornings, students are responsible for participating in the workups and daily care of patients admitted to the inpatient oncology service who are receiving chemotherapy or treatment of complications of cancer or chemotherapy. Students will function under supervision of a resident. In the afternoons, students are responsible for participating on the inpatient oncology consult service under the supervision an oncology fellow. The students will also obtain basic
understanding of principles of oncology care through participation in informal and formal didactic sessions with the inpatient oncology attendings, attendance at tumor boards and conferences, and preparation and presentation of a 20 minute discussion on a topic in oncology.

Schedule:

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<th></th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thurs</th>
<th>Fri</th>
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<tr>
<td>AM</td>
<td>0700-0730 Pre-round</td>
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<td>0730-0800 Lecture</td>
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<td>0800-1100 Rounds</td>
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<td>PM</td>
<td>1300-1600 Head and</td>
<td>1300-1600 Oncology</td>
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<td>Neck Clinic 8SE</td>
<td>Consults</td>
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<td>1300-1600 Head and</td>
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<td></td>
<td>Neck Tumor Board:</td>
<td>1300-1600 Oncology</td>
<td>1300-1600 Oncology</td>
<td>1300-1600 Oncology</td>
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<tr>
<td></td>
<td>2nd and 4th Friday</td>
<td>12 to 1 PM</td>
<td>8NE teleconference</td>
<td>2nd floor Department</td>
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<td></td>
<td>each month 12 to 1 PM</td>
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<td>room</td>
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<td>conference room</td>
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Weekend rounding at discretion of oncology attending and senior resident.

Conferences:
Oncology attending didactic sessions: Monday, Tuesday, Wednesday and Friday. 7:30-8:00 AM on 7SE.
Hematology Microscope rounds: Thursday 7:30-8:00 AM. Scope room (NW225 key code 0727*)
Hematology Malignancy conference: 1st and 3rd Friday each month 12 to 1 PM. 1st floor laboratory conference room
Solid Tumor Conference: 2nd and 4th Friday each month 12 to 1 PM. 8NE teleconference room.
Head and Neck Tumor Board: Wednesday from 4:30 to 6 pm. 2nd floor Department of Radiology conference room.

Presentations: One 20 minute discussion on topic in oncology of choice by student.
Readings/texts: The Washington Manual of Oncology

Evaluation: Students are evaluated by all teaching faculty on assigned team(s) via electronic EValue Educator of Student evaluation using the PRIME evaluation method. Medicine Student Programs collects all evaluations to submit cumulative final evaluation submitted to registrar’s office.

MEDECK 602 P-Primary Care Seattle (8/12)

Offered: AWSpS; 6 weeks full-time (four weeks by permission)
Prerequisite: Required 12 week Internal Medicine Clerkship
Permission to add or drop within six weeks of clerkship start date.
Note: This clerkship can only be dropped if the student finds a replacement.
Facility: UW – Roosevelt, General Internal Medicine Clinic and UWMC subspecialty clinics, Seattle
Administrative Contact: Yolonda Virgili, 206-543-3237, ykv@uw.edu
Course website: https://catalyst.uw.edu/workspace/medelect/21918/

Objectives:
- Perform excellent history and physical examinations in the outpatient setting.
- Describe the goals and tools of aggressive control of Type 1 Diabetes Mellitus.
- Demonstrate standard shoulder/knee exams.

Schedule:
A full-time ambulatory care block in primary care internal medicine. Attend ½ day clinics in UW-Roosevelt general internal medicine clinic, virology, rheumatology, diabetes and chest clinics. Full-time for six weeks. No call on this rotation. Time off to attend non-Internal Medicine related conferences will not be permitted.

Conferences:
Student required to attend Medicine Grand Rounds, Resident Teaching Conference and Primary Care Conference on Thursday mornings.

**Presentations:**
Research an evidence based medicine topic of student’s choice.

**Readings/texts:**

**Evaluation:**
Students are evaluated by all teaching faculty on assigned team(s) via electronic EValue Educator of Student evaluation using the P/RIME evaluation method. Medicine Student Programs collates all evaluations to submit cumulative final evaluation submitted to registrar’s office.

**MEDECK 610 P- Clinical Respiratory Disease and Critical Care Medicine Seattle (8)**

**Offered:** AWSpS; 4 weeks full-time.

**Prerequisite:** Required 12 week Internal Medicine clerkship

**Location:** Seattle and Tacoma WA; Boise, ID

**Facility:** UWMC, HMC and VA Medical Center

**Administrative Contact:** Yolonda Virgili, 206-543-3237, ykv@uw.edu

**Course website:** https://catalyst.uw.edu/workspace/medelect/21926/

**Objectives:**
At the end of the clerkship, the student will be able to:

- Take a history, perform a physical examination and initiate a diagnostic work-up on patients with pulmonary problems including asthma, chronic obstructive pulmonary disease, interstitial lung disease, pulmonary hypertension, and a variety of infectious processes,
- State the indications for various diagnostic modalities including pulmonary function testing, arterial blood gases, thoracentesis, CT imaging of the chest, and bronchoscopy,
- Interpret pulmonary function tests including spirometry, lung volumes and diffusing capacity for carbon monoxide,
- Interpret arterial blood gases,
- Interpret plain radiographs of the chest and formulate differential diagnoses for the relevant findings,
- Interpret the results of pleural fluid analysis,
- Explain the basic modes of mechanical ventilation, choose appropriate initial ventilator settings for a patient and make appropriate adjustments in these settings based on changes in the patient’s condition,
- Discuss general principles of management of critically ill patients.

**Description of learning activities:**
Students are assigned to the consultation service in Pulmonary and Critical Care Medicine at one of three teaching hospitals. They will gain training and experience in respiratory disease diagnosis and management with emphasis on X-ray diagnosis, pulmonary function testing and interpretation, and use of fiberoptic bronchoscopy. Patients are seen by the students under supervision of a Fellow and presented to the Attending. Students will participate in pulmonary function testing and, at some sites, one half-day outpatient clinic. The specific details of the students work on the rotation vary from site to site and are described more fully on the clerkship website: https://courses.washington.edu/med683/rotations/index.html

**Schedule:**
Students will participate in all aspects of the Pulmonary Consultation Service. Hours are generally between 8:00 am to 6:00 pm. Students will not take any night call and have all weekends and holidays off.

Conferences:
Students from all Seattle hospitals will attend a weekly Chest Grand Rounds, a Respiratory/Critical Care teaching conference, and a series of four student seminars covering basic topics in clinical respiratory medicine that take place on Thursday afternoons following the conferences listed above. Attendance at these sessions is mandatory.

Presentations:
Students will present new and follow-up consult and clinic patients to the Attending physician and team. At the Attending’s discretion, the student may be asked to prepare brief reports on selected topics to the team.

Readings/texts:
A library of useful review articles on a variety of topics in pulmonary medicine is available through the clerkship website: https://courses.washington.edu/med683/secure/library.html

At Madigan Army Medical Center, the pulmonary clerkship is a combination inpatient/outpatient experience in association with the Pulmonary Fellowship at Madigan. Students will have an opportunity to attend on the wards, attend the daily morning report, have a morning clinic, and perform afternoon inpatient consults. The clerk will be directly supervised by a staff member and by a pulmonary fellow. Students will be assigned approximately two to four inpatients to follow and one new consult, and two to three follow-up patients per clinic. Students will be performing a consultative service with opportunities to do occasional thoracentesis, exercise studies, and arterial blood gas and pulmonary function interpretation. Teaching is considered one of the highest priorities on this rotation.

At the Boise VA Medical Center, under the supervision of the pulmonary fellow and attending, students consult on the ICU patients as well as the non-ICU inpatients. They also have the opportunity to see new outpatient consults in clinic and to assist with bronchoscopies. Students are given a reading list and pulmonary/critical care topics are discussed with the fellows and attending on a daily basis. Additional emphasis is also placed on CXR and PFT interpretation. Students participate in CXR and critical care conferences, daily ICU rounds, and attend the daily general medicine conferences. The service is most busy during the late fall, winter, and early spring months.

Evaluation:
Students are evaluated by all teaching faculty on assigned team(s) via electronic EValue Educator of Student evaluation using the P/RIME evaluation method. Medicine Student Programs collates all evaluations to submit cumulative final evaluation submitted to registrar’s office.

**TOP**

MEDECK 629 P- Clinical Respiratory Disease and Critical Care Tacoma (8)

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<thead>
<tr>
<th>Offered:</th>
<th>AWSpS; 4 weeks full-time.</th>
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<tr>
<td>Prerequisite:</td>
<td>Required 12 week Internal Medicine clerkship and permission from department</td>
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<tr>
<td>Location:</td>
<td>Tacoma WA</td>
</tr>
<tr>
<td>Facility:</td>
<td>Madigan Army Medical Center</td>
</tr>
<tr>
<td>Administrative Contact:</td>
<td>Yolonda Virgili, 206-543-3237, <a href="mailto:ykv@uw.edu">ykv@uw.edu</a></td>
</tr>
<tr>
<td>Course website:</td>
<td><a href="https://catalyst.uw.edu/workspace/medelect/21940/">https://catalyst.uw.edu/workspace/medelect/21940/</a></td>
</tr>
</tbody>
</table>

Objectives:
At the end of the clerkship, the student will be able to:

- Take a history, perform a physical examination and initiate a diagnostic work-up on patients with pulmonary problems including asthma, chronic obstructive pulmonary disease, interstitial lung disease, pulmonary hypertension, and a variety of infectious processes,
• State the indications for various diagnostic modalities including pulmonary function testing, arterial blood gases, thoracentesis, CT imaging of the chest, and bronchoscopy,
• Interpret pulmonary function tests including spirometry, lung volumes and diffusing capacity for carbon monoxide,
• Interpret arterial blood gases,
• Interpret plain radiographs of the chest and formulate differential diagnoses for the relevant findings,
• Interpret the results of pleural fluid analysis,
• Explain the basic modes of mechanical ventilation, choose appropriate initial ventilator settings for a patient and make appropriate adjustments in these settings based on changes in the patient’s condition,
• Discuss general principles of management of critically ill patients.

Description of learning activities:
Students are assigned to the consultation service in Pulmonary and Critical Care Medicine at one of three teaching hospitals. They will gain training and experience in respiratory disease diagnosis and management with emphasis on X-ray diagnosis, pulmonary function testing and interpretation, and use of fiberoptic bronchoscopy. Patients are seen by the students under supervision of a Fellow and presented to the Attending. Students will participate in pulmonary function testing and, at some sites, one half-day outpatient clinic. The specific details of the students work on the rotation vary from site to site and are described more fully on the clerkship website:
https://courses.washington.edu/med683/rotations/index.html

Schedule:
Students will participate in all aspects of the Pulmonary Consultation Service. Hours are generally between 8:00 am to 6:00 pm. Students will not take any night call and have all weekends and holidays off.

Conferences:
Students from all Seattle hospitals will attend a weekly Chest Grand Rounds, a Respiratory/Critical Care teaching conference, and a series of four student seminars covering basic topics in clinical respiratory medicine that take place on Thursday afternoons following the conferences listed above. Attendance at these sessions is mandatory.

Presentations:
Students will present new and follow-up consult and clinic patients to the Attending physician and team. At the discretion of the Attending, the student may be asked to prepare brief reports on selected topics to the team.

Readings/texts:
A library of useful review articles on a variety of topics in pulmonary medicine is available through the clerkship website: https://courses.washington.edu/med683/secure/library.html

At Madigan Army Medical Center, the pulmonary clerkship is a combination inpatient/outpatient experience in association with the Pulmonary Fellowship at Madigan. Students will have an opportunity to attend on the wards, attend the daily morning report, have a morning clinic, and perform afternoon inpatient consults. The clerk will be directly supervised by a staff member and by a pulmonary fellow. Students will be assigned approximately two to four inpatients to follow and one new consult, and two to three follow-up patients per clinic. Students will be performing a consultative service with opportunities to do occasional thoracentesis, exercise studies, and arterial blood gas and pulmonary function interpretation. Teaching is considered one of the highest priorities on this rotation.

At the Boise VA Medical Center, under the supervision of the pulmonary fellow and attending, students consult on the ICU patients as well as the non-ICU inpatients. They also have the opportunity to see new outpatient consults in clinic and to assist with bronchoscopies. Students are given a reading list and
pulmonary/critical care topics are discussed with the fellows and attending on a daily basis. Additional emphasis is also placed on CXR and PFT interpretation. Students participate in CXR and critical care conferences, daily ICU rounds, and attend the daily general medicine conferences. The service is most busy during the late fall, winter, and early spring months.

Evaluation:
Students are evaluated by all teaching faculty on assigned team(s) via electronic EValue Educator of Student evaluation using the P/RIME evaluation method. Medicine Student Programs collates all evaluations to submit cumulative final evaluation submitted to registrar's office.

MEDECK 680 P- Clinical Respiratory Disease and Critical Care Medicine
Idaho (8)

Offered: AWSpS; 4 weeks full-time.

Prerequisite: Required 12 week Internal Medicine clerkship and permission from department

Location: Boise, ID

Facility: VA Medical Center Boise

Administrative Contact: Yolonda Virgili, 206-543-3237, ykv@uw.edu

Course website: https://catalyst.uw.edu/workspace/medelect/21960/

Objectives:
At the end of the clerkship, the student will be able to:

- Take a history, perform a physical examination and initiate a diagnostic work-up on patients with pulmonary problems including asthma, chronic obstructive pulmonary disease, interstitial lung disease, pulmonary hypertension, and a variety of infectious processes,
- State the indications for various diagnostic modalities including pulmonary function testing, arterial blood gases, thoracentesis, CT imaging of the chest, and bronchoscopy,
- Interpret pulmonary function tests including spirometry, lung volumes and diffusing capacity for carbon monoxide,
- Interpret arterial blood gases,
- Interpret plain radiographs of the chest and formulate differential diagnoses for the relevant findings,
- Interpret the results of pleural fluid analysis,
- Explain the basic modes of mechanical ventilation, choose appropriate initial ventilator settings for a patient and make appropriate adjustments in these settings based on changes in the patient’s condition,
- Discuss general principles of management of critically ill patients.

Description of learning activities:
Students are assigned to the consultation service in Pulmonary and Critical Care Medicine at one of three teaching hospitals. They will gain training and experience in respiratory disease diagnosis and management with emphasis on X-ray diagnosis, pulmonary function testing and interpretation, and use of fiberoptic bronchoscopy. Patients are seen by the students under supervision of a Fellow and presented to the Attending. Students will participate in pulmonary function testing and, at some sites, one half-day outpatient clinic. The specific details of the students work on the rotation vary from site to site and are described more fully on the clerkship website: https://courses.washington.edu/med683/rotations/index.html

Schedule:
Students will participate in all aspects of the Pulmonary Consultation Service. Hours are generally between 8:00 am to 6:00 pm. Students will not take any night call and have all weekends and holidays off.
Conferences:
Students from all Seattle hospitals will attend a weekly Chest Grand Rounds, a Respiratory/Critical Care teaching conference, and a series of four student seminars covering basic topics in clinical respiratory medicine that take place on Thursday afternoons following the conferences listed above. Attendance at these sessions is mandatory.

Presentations:
Students will present new and follow-up consult and clinic patients to the Attending physician and team. At the discretion of the Attending, the student may be asked to prepare brief reports on selected topics to the team.

Readings/texts:
A library of useful review articles on a variety of topics in pulmonary medicine is available through the clerkship website: https://courses.washington.edu/med683/secure/library.html

At Madigan Army Medical Center, the pulmonary clerkship is a combination inpatient/outpatient experience in association with the Pulmonary Fellowship at Madigan. Students will have an opportunity to attend on the wards, attend the daily morning report, have a morning clinic, and perform afternoon inpatient consults. The clerk will be directly supervised by a staff member and by a pulmonary fellow. Students will be assigned approximately two to four inpatients to follow and one new consult, and two to three follow-up patients per clinic. Students will be performing a consultative service with opportunities to do occasional thoracentesis, exercise studies, and arterial blood gas and pulmonary function interpretation. Teaching is considered one of the highest priorities on this rotation.

At the Boise VA Medical Center, under the supervision of the pulmonary fellow and attending, students consult on the ICU patients as well as the non-ICU inpatients. They also have the opportunity to see new outpatient consults in clinic and to assist with bronchoscopies. Students are given a reading list and pulmonary/critical care topics are discussed with the fellows and attending on a daily basis. Additional emphasis is also placed on CXR and PFT interpretation. Students participate in CXR and critical care conferences, daily ICU rounds, and attend the daily general medicine conferences. The service is most busy during the late fall, winter, and early spring months.

Evaluation:
Students are evaluated by all teaching faculty on assigned team(s) via electronic EValue Educator of Student evaluation using the P/RIME evaluation method. Medicine Student Programs collates all evaluations to submit cumulative final evaluation submitted to registrar’s office.

MEDECK 615 P- Rheumatology Seattle (8)
Offered: AWSp; 4 weeks full-time.
Prerequisite: Required 12 week Internal Medicine clerkship.
Facility: UWMC
Administrative Contact: Yolonda Virgili, 206-543-3237, ykv@uw.edu
Course website: https://catalyst.uw.edu/workspace/medelect/21931/

Goals:
Provides students experience in the diagnosis and management of patients with rheumatic diseases.

Objectives:
At the conclusion of this clerkship, students should be able to:

- Demonstrate musculoskeletal exam skills,
- Differentiate the common forms of arthritis,
- Recognize potential serious rheumatologic illness such as vasculitis or lupus,
- Distinguish inflammatory from mechanical joint pain,
- Discuss the choice and use of rheumatology laboratory tests,
• Demonstrate a structured approach to the diagnosis and treatment of common rheumatologic conditions,
• Describe basic understanding of mechanisms of rheumatologic disease.

Schedule:
Students attend outpatient clinics at the UW (including Bone and Joint Center), Harborview or Seattle VA and will participate in inpatient consultation. Students will meet with Dr. Gardner or designated faculty member before and after the rotation to outline the month and expectations, and offer feedback on the experience and evaluate the faculty and fellows.

Conferences:
Students will participate in Divisional conferences on Tuesday and Friday AM that includes Fellow lectures, Rheumatology Grand rounds, and radiology conference.

Readings/texts: Reading list from Primer of Rheumatic Diseases

<table>
<thead>
<tr>
<th>Week 1</th>
<th>1. Evaluation of the patient with symptoms of rheumatic disease (Handouts).</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>2. Arthrocentesis and synovial fluid analysis.</td>
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<tr>
<td>Week 2</td>
<td>4. Rheumatoid arthritis.</td>
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<td>5. Systemic lupus erythematosus.</td>
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<td></td>
<td>6. Spondyloarthropathies (ankylosing spondylitis, psoriatic arthritis, Reiter’s syndrome).</td>
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<tr>
<td>Week 3</td>
<td>7. Crystalline arthritis (gout, pseudogout).</td>
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<td>8. Osteoarthritis.</td>
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<td>Week 4</td>
<td>10. Fibromyalgia.</td>
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<td></td>
<td>11. Osteoporosis.</td>
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<td>12. Regional rheumatic pain syndromes.</td>
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</tbody>
</table>

Additional reading based on individual patients encountered. Senior fellows will go through case workbook with the students to reinforce and insure basic issues are covered.

Paper:
All students will be expected to write a 3-5-page paper on a topic approved by the rheumatology consult attending. In addition, students will be expected to present a weekly topic during inpatient rounds for 5 minutes that is literature based and pertains to a patient issue approved by the consult fellow.

Evaluation:
The grade of Honors will require an honors level paper and presentations and agreement of faculty and fellows. Students are evaluated by all teaching faculty on assigned team(s) via electronic EValue Educator of Student evaluation using the PRIME evaluation method. Medicine Student Programs collates all evaluations to submit cumulative final evaluation submitted to registrar's office.

MEDECK 601 P – Ward Medicine Subinternship Seattle (*, max 24)

<table>
<thead>
<tr>
<th>Offered:</th>
<th>AWSpS; 4 weeks full-time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Required 12 week Internal Medicine</td>
</tr>
<tr>
<td>Location:</td>
<td>UWMC - GIM, HMC - GIM, VA Medical Center Seattle – GIM, HMC - Cardiology</td>
</tr>
<tr>
<td>Faculty Contact:</td>
<td>Susan Merel, MD <a href="mailto:smerel@uw.edu">smerel@uw.edu</a></td>
</tr>
<tr>
<td>Administrative Contact:</td>
<td>Yolonda Virgili, 206-543-3237, <a href="mailto:ykv@uw.edu">ykv@uw.edu</a></td>
</tr>
<tr>
<td>Transportation:</td>
<td>Student must provide their own transportation to all sites throughout the greater Seattle area and throughout the WWAMI region.</td>
</tr>
<tr>
<td>Course website:</td>
<td><a href="https://catalyst.uw.edu/workspace/medelect/21873/">https://catalyst.uw.edu/workspace/medelect/21873/</a></td>
</tr>
</tbody>
</table>
Goals:
- Students will be able to serve as interns on the medical wards under the supervision of senior residents and attending physicians.
- Students will be able to perform an initial assessment of patients admitted to the medicine service.
- Students will be able to implement diagnostic and therapeutic plans.
- Students will be able to participate on a house staff team with an advanced degree of independence and responsibility in preparation for internship.
- Students will be able to document medical care appropriately.

Objectives:
- Perform an initial history.
- Perform complete and accurate physical examinations.
- Deliver succinct, organized oral presentations.
- Write thorough, complete, organized admission and daily progress notes.
- Formulate diagnostic and treatment plans.
- Interact with ward administrators, nurses, social workers, therapists, and consultants to achieve good patient outcomes.
- Perform procedures (ie, thoracentesis, paracentesis, lumbar puncture, venous catheterization, phlebotomy, arterial puncture, etc.) as necessary for patient care.
- Medical documentation to support degree of care provided including complete HPI, PMH, PS/FH, ROS, and PE.

Schedule: Varies depending on the site.

Conferences:
Sub-Intern didactics, every Monday (Tuesday in the case of a Monday holiday) from 5 to 6:30 pm in BB 514, the Medicine Library at the UW. These are mandatory. Attend all regular medicine rounds and conferences as their schedules permit.

Evaluation:
Students are evaluated by all teaching faculty on assigned team(s) via electronic EValue Educator of Student evaluation using the P/RIME evaluation method. Medicine Student Programs collates all evaluations to submit cumulative final evaluation submitted to registrar’s office.

MEDECK 630 P – Ward Medicine Subinternship Tacoma (*, max 24)
Offered: AWSp; 4 weeks full-time
Prerequisite: Required 12 week Internal Medicine, permission from Yolonda Virgili in Medicine Student Programs
Location: Madigan Army Medical Center - General Internal Medicine
Faculty Contact: Susan Merel, MD smerel@uw.edu
Administrative Contact: Yolonda Virgili, 206-543-3237, ykv@uw.edu
Transportation: Student must provide their own transportation to all sites throughout the greater Seattle area and throughout the WWAMI region.
Course website: https://catalyst.uw.edu/workspace/medelect/21873/

Goals:
- Students will be able to serve as interns on the medical wards under the supervision of senior residents and attending physicians.
- Students will be able to perform an initial assessment of patients admitted to the medicine service.
- Students will be able to implement diagnostic and therapeutic plans.
- Students will be able to participate on a house staff team with an advanced degree of independence and responsibility in preparation for internship.
• Students will be able to document medical care appropriately.

Objectives:
• Perform an initial history.
• Perform complete and accurate physical examinations.
• Deliver succinct, organized oral presentations.
• Write thorough, complete, organized admission and daily progress notes.
• Formulate diagnostic and treatment plans.
• Interact with ward administrators, nurses, social workers, therapists, and consultants to achieve good patient outcomes.
• Perform procedures (ie, thoracentesis, paracentesis, lumbar puncture, venous catheterization, phlebotomy, arterial puncture, etc.) as necessary for patient care.
• Medical documentation to support degree of care provided including complete HPI, PMH, PS/FH, ROS, and PE.

Schedule: Varies depending on the site.

Conferences:
Sub-Intern didactics, every Monday (Tuesday in the case of a Monday holiday) from 5 to 6:30 pm in BB 514, the Medicine Library at the UW. These are mandatory.
Attend all regular medicine rounds and conferences as their schedules permit.

Evaluation:
Students are evaluated by all teaching faculty on assigned team(s) via electronic EValue Educator of Student evaluation using the P/RIME evaluation method. Medicine Student Programs collates all evaluations to submit cumulative final evaluation submitted to registrar’s office.

MEDECK 651 P – Ward Medicine Subinternship Alaska (*, max 24)
Offered: As permission is granted, four weeks full time
Prerequisite: Required 12 week Internal Medicine and permission from Yolonda Virgili in Medicine Student Programs.
Location: Alaska Native Medical Center, Anchorage AK
Faculty Contact: Susan Merel, MD smerel@uw.edu
Administrative Contact: Yolonda Virgili, 206-543-3237, ykv@uw.edu
Transportation: Student must provide their own transportation to all sites throughout the greater Seattle area and throughout the WWAMI region.
Course website: https://catalyst.uw.edu/workspace/medelect/21949/

Goals:
• Students will be able to serve as interns on the medical wards under the supervision of senior residents and attending physicians.
• Students will be able to perform an initial assessment of patients admitted to the medicine service.
• Students will be able to implement diagnostic and therapeutic plans.
• Students will be able to participate on a house staff team with an advanced degree of independence and responsibility in preparation for internship.
• Students will be able to document medical care appropriately.

Objectives:
• Perform an initial history.
• Perform complete and accurate physical examinations.
• Deliver succinct, organized oral presentations.
• Write thorough, complete, organized admission and daily progress notes.
• Formulate diagnostic and treatment plans.
• Interact with ward administrators, nurses, social workers, therapists, and consultants to achieve good patient outcomes.
• Perform procedures (ie, thoracentesis, paracentesis, lumbar puncture, venous catheterization, phlebotomy, arterial puncture, etc.) as necessary for patient care.
• Medical documentation to support degree of care provided including complete HPI, PMH, PS/FH, ROS, and PE.

Schedule: Varies depending on the site.

Conferences:
Available online recorded Sub-Intern didactics, every Monday (Tuesday in the case of a Monday holiday) from 5 to 6:30 pm in BB 514, the Medicine Library at the UW. These are mandatory. Attend all regular medicine rounds and conferences as their schedules permit.

Evaluation:
Students are evaluated by all teaching faculty on assigned team(s) via electronic EValue Educator of Student evaluation using the P/RIME evaluation method. Medicine Student Programs collates all evaluations to submit cumulative final evaluation submitted to registrar’s office.

MEDECK 671 P – Ward Medicine Subinternship Idaho (*, max 24)
Offered: As permission is granted, four weeks full time
Prerequisite: Required 12 week Internal Medicine and permission from Yolonda Virgili in Medicine Student Programs.
Location: Boise VA Medical Center – General Internal Medicine
Faculty Contact: Susan Merel, MD smerel@uw.edu
Administrative Contact: Yolonda Virgili, 206-543-3237, ykv@uw.edu
Transportation: Student must provide their own transportation to all sites throughout the greater Seattle area and throughout the WWAMI region.
Course website: https://catalyst.uw.edu/workspace/medelect/21954/

Goals:
• Students will be able to serve as interns on the medical wards under the supervision of senior residents and attending physicians.
• Students will be able to perform an initial assessment of patients admitted to the medicine service.
• Students will be able to implement diagnostic and therapeutic plans.
• Students will be able to participate on a house staff team with an advanced degree of independence and responsibility in preparation for internship.
• Students will be able to document medical care appropriately.

Objectives:
• Perform an initial history.
• Perform complete and accurate physical examinations.
• Deliver succinct, organized oral presentations.
• Write thorough, complete, organized admission and daily progress notes.
• Formulate diagnostic and treatment plans.
• Interact with ward administrators, nurses, social workers, therapists, and consultants to achieve good patient outcomes.
• Perform procedures (ie, thoracentesis, paracentesis, lumbar puncture, venous catheterization, phlebotomy, arterial puncture, etc.) as necessary for patient care.
• Medical documentation to support degree of care provided including complete HPI, PMH, PS/FH, ROS, and PE.
Schedule: Varies depending on the site.

Conferences:
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Evaluation:
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Medicine Student Programs Team:
https://depts.washington.edu/medclerk/drupal/pages/Medicine-Student-Programs

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Director, Medicine Student Programs
Rathman Family Foundation Endowed Chair for Patient-Centered Clinical Education
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Contact us - unsure whom to contact? Send email to general inbox and we’ll figure it out.

Osler Club
Internal Medicine Student Interest Group - student run organization. Meets 1-2 times quarterly, provides opportunities for exposure to primary care medicine, hospital rounds, and subspecialty practice.